

#16

INFORMATION DISCLOSURE STATEMENT BY APPLICANT CITATION FORM	Attorney Docket No.	Serial No.
	05634.0163	08/448,644
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date May 24, 1995	Group Art Unit 2733

UNITED STATES PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE
mm	Re 27,810	November 20, 1973	Buehrle	325/321	
	2,418,127	April 1, 1947	Labin	178/44	
	2,563,448	August 7, 1951	Aram	178/5.1	
	3,071,649	January 1, 1963	Goodall	179/1.5	
	3,107,274	October 15, 1963	Roschke	178/5.1	
	3,133,986	May 19, 1964	Morris et al.	178/5.1	
	3,251,051	May 10, 1966	Harries	340/345	
	3,470,309	September 30, 1969	Nyberg	178/5.1	
	3,478,166	November 11, 1969	Reiter et al.	178/5.1	
	3,526,843	September 1, 1970	Sanville	329/104	
	3,546,684	December 8, 1970	Maxwell et al.	340/172.5	
	3,639,686	February 1, 1972	Walker et al.	178/5.8R	
	3,649,749	March 14, 1972	Gibson	178/5.6	
	3,651,261	March 21, 1972	Guarella	178/22	
	3,666,888	May 30, 1972	Sekimoto	178/69.5 TV	
	3,723,637	March 27, 1973	Fujio et al.	178/5.2R	
	3,746,799	July 17, 1973	Gentges	178/22	
	3,755,624	August 28, 1973	Sekimoto	178/69.5 TV	
	3,769,579	October 30, 1973	Harney	325/31	
	3,773,979	November 20, 1973	Kirk, Jr. et al.	179/15 FD	
	3,777,053	December 4, 1973	Wittig et al.	178/5.1	
	3,789,131	January 29, 1974	Harney	178/5.1	
	3,794,922	February 26, 1974	Osborn et al.	325/53	
	3,795,763	March 5, 1974	Golding et al.	178/5.6	
	3,813,482	May 28, 1974	Blonder	178/5.1	
	3,826,863	July 30, 1974	Johnson	178/5.1	
	3,859,596	January 7, 1975	Jannery et. al.	325/31	
	3,882,289	May 6, 1975	Walding et al.	200/11 D	
	3,885,089	May 20, 1975	Callais et al.	178/5.1	
	3,889,054	June 10, 1975	Nagel et al.	178/6.8	
	3,894,177	July 8, 1975	Howell et al.	178/5.6	
mm	3,896,262	July 22, 1975	Hudspeth et al.	178/5.1	

Melvin March

08-25-98

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE
MM	3,896,266	July 22, 1975	Waterbury	179/1 SB	
	3,916,091	October 28, 1975	Kirk, Jr. et al.	178/5.1	
	3,924,059	December 2, 1975	Horowitz	178/5.1	
	3,950,618	April 13, 1976	Bloisi	179/2 AS	
	3,958,081	May 18, 1976	Ehrsam et al.	178/22	
	3,975,585	August 17, 1976	Kirk, Jr. et al.	178/5.1	
	3,990,012	November 2, 1976	Karnes	325/308	
	3,996,586	December 7, 1976	Dillon et al.	340/347 DD	
	4,004,085	January 18, 1977	Makino et al.	340/324	
	4,008,369	February 15, 1977	Theurer et al.	358/84	
	4,013,875	March 22, 1977	McGlynn	235/150.2	
	4,015,286	March 29, 1977	Russell	358/13	
	4,019,201	April 19, 1977	Hartung et al.	358/124	
	4,020,419	April 26, 1977	Caspari et al.	325/421	
	4,024,574	May 17, 1977	Nieson	358/117	
	4,024,575	May 17, 1977	Hamey et al.	358/118	
	4,027,267	May 31, 1977	Larsen	329/106	
	4,027,331	May 31, 1977	Nicol	358/135	
	4,042,958	August 16, 1977	Saylor et al.	358/141	
	4,044,376	August 23, 1977	Porter	358/84	
	4,045,814	August 30, 1977	Hartung et al.	358/124	
	4,054,911	October 18, 1977	Fletcher et al.	358/141	
	4,064,490	December 20, 1977	Nagel	364/2000	
	4,070,693	January 24, 1978	Shutterly	358/123	
	4,075,660	February 21, 1978	Horowitz	358/124	
	4,079,419	March 14, 1978	Seigle et al.	358/193	
	4,081,754	March 28, 1978	Jackson	325/396	
	4,081,832	March 28, 1978	Sherman	358/124	
	4,086,434	April 25, 1978	Bocchi	79/2 AM	
	4,088,958	May 9, 1978	Suzuki et al.	325/396	
	4,091,417	May 23, 1978	Nieson	358/117	
	4,095,258	June 13, 1978	Sperber	358/120	
	4,096,542	June 20, 1978	Pappas et al.	361/196	
	4,104,681	August 1, 1978	Saylor et al.	358/141	
	4,107,734	August 15, 1978	Percy et al.	358/84	
	4,107,735	August 15, 1978	Frobach	358/84	
	4,112,317	September 5, 1978	Everswick	307/308	
	4,112,383	September 5, 1978	Burgert	329/50	
	4,114,841	September 19, 1978	Muhlfelder et al.	244/166	
	4,120,003	October 10, 1978	Mitchell et al.	358/142	
	4,124,887	November 7, 1978	Johnson et al.	364/107	
	4,126,762	November 21, 1978	Martin et al.	179/2A	
MM	4,135,213	January 16, 1979	Wintfeld et al.	358/142	

Melvin Marcelo

08-25-98

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
mm	4,142,156	February 27, 1979	Freund	325/309	
	4,145,717	March 20, 1979	Guif et al.	358/121	
	4,148,066	April 3, 1979	Saylor	358/127	
	4,156,253	May 22, 1979	Steudel	358/11	
	4,156,931	May 29, 1979	Adelman et al.	364/900	
	4,163,252	July 31, 1979	Mistry et al.	358/118	
	4,180,709	December 25, 1979	Cosgrove et al.	179/2 AM	
	4,199,656	April 22, 1980	Saylor	178/66.1	
	4,199,781	April 22, 1980	Doumit	358/83	
	4,199,809	April 22, 1980	Pasahow et al.	364/200	
	4,207,524	June 10, 1980	Purchase	375/22	
	4,214,273	July 22, 1980	Brown	358/188	
	4,215,366	November 13, 1984	Davidson	358/124	
	4,216,497	August 5, 1980	Ishman et al.	358/84	
	4,222,068	September 9, 1980	Thompson	358/120	
	4,225,884	September 30, 1980	Block et al.	358/122	
	4,245,246	January 13, 1981	Cheung	358/124	
	4,246,611	January 20, 1981	Davies	358/194	
	4,247,947	January 27, 1981	Miyamoto	455/38	
	4,250,521	February 10, 1981	Wright	358/8	
	4,258,386	March 24, 1981	Cheung	358/84	
	4,266,243	May 5, 1981	Shutterly	358/121	
	4,272,784	June 9, 1981	Saito et al.	358/127	
	4,273,962	June 16, 1981	Wolfe	179/7.1R	
	4,292,650	September 29, 1981	Hendrickson	358/123	
	4,295,155	October 13, 1981	Jarger et al.	358/12	
	4,301,542	November 17, 1981	Weintraub et al.	455/353	
	4,305,101	December 8, 1991	Yarbrough et al.	360/69	
	4,310,854	January 12, 1982	Baer et al.	358/143	
	4,316,217	February 16, 1982	Rifken	358/86	
	4,318,047	March 2, 1982	Dawson	328/112	
	4,323,921	April 6, 1982	Guillou	358/114	
	4,323,922	April 6, 1982	den Toonder et al.	358/117	
	4,329,711	May 11, 1982	Cheung	358/114	
	4,335,426	June 15, 1982	Maxwell et al.	364/200	
	4,340,906	July 20, 1982	den Toonder et al.	358/124	
	4,341,925	July 27, 1982	Doland	178/22.17	
	4,343,042	August 3, 1982	Schrock et al.	455/5	
	4,348,696	September 7, 1982	Beier	358/188	
	4,354,201	October 12, 1982	Sechet et al.	358/122	
	4,355,415	October 19, 1982	George et al.	455/185	
	4,358,672	November 9, 1982	Hyatt et al.	235/380	
mm	4,360,881	November 23, 1982	Martinson	364/493	

Melvin March 08-25-98

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE
<i>mm</i>	4,361,848	November 30, 1982	Poignet et al.	358/1	
	4,361,851	November 30, 1982	Asip et al.	358/84	
	4,361,903	November 30, 1982	Ohta	455/2	
	4,365,267	December 21, 1982	Tsuda	358/84	
	4,378,470	March 29, 1983	Murto et al.	179/2 C	
	4,382,256	May 5, 1983	Nagata	340/825.44	
	4,385,384	May 24, 1983	Rosbury et al.	371/22	
	4,386,436	May 31, 1983	Kocher et al.	455/151	
	4,388,643	June 14, 1983	Aminetzah	358/123	
	4,388,644	June 14, 1983	Ishman et al.	358/84	
	4,390,898	June 28, 1983	Bond et al.	358/1199	
	4,390,901	June 28, 1983	Keiser et al.	358/147	
	4,392,135	July 5, 1983	Ohyagi	340/825.44	
	4,393,277	July 12, 1983	Besen et al.	179/2 A	
	4,408,345	October 4, 1983	Yashiro et al.	455/3	
	4,411,017	October 18, 1983	Talbot	455/26	
	4,414,621	November 8, 1983	Bown et al.	364/200	
	4,415,771	November 15, 1983	Martinez	179/5R	
	4,418,425	November 29, 1983	Fennel et al.	455/27	
	4,424,533	January 3, 1984	Rzeszewski	358/167	
	4,425,578	January 10, 1984	Haselwood et al.	358/84	
	4,425,579	January 10, 1984	Merrell	358/86	
	4,425,664	January 10, 1984	Sherman et al.	375/8	
	4,427,968	January 24, 1984	York	340/310	
	4,429,385	January 31, 1984	Cichelli et al.	370/92	
	4,430,731	February 7, 1984	Gimple et al.	370/30	
	4,434,438	February 28, 1984	Rzeszewski	358/167	
	4,439,785	March 27, 1984	Leonard	358/120	
	4,450,481	May 22, 1984	Dickinson	358/114	
	4,450,531	May 22, 1984	Kenyon et al.	364/604	
	4,454,538	June 12, 1984	Toriumi	358/86	
	4,468,701	August 28, 1984	Burcher et al.	358/181	
	4,471,352	September 11, 1984	Soulliard et al.	340/825.44	
	4,475,123	October 2, 1984	Dumbauld et al.	358/114	
	4,476,535	October 9, 1984	Loshing et al.	364/480	
	4,484,218	November 20, 1984	Boland et al.	358/86	
	4,484,328	November 20, 1984	Schlaflly	370/85	
	4,488,179	December 11, 1984	Kruger et al.	358/181	
	4,489,220	December 18, 1984	Oliver	179/2 AM	
	4,489,316	December 18, 1984	MacQuivey	340/700	
	4,494,142	January 15, 1985	Mistry	358/118	
	4,496,975	January 29, 1985	Noirel	358/147	
<i>mm</i>	4,504,831	March 12, 1985	Jahr et al.	340/870.03	

Melvin Marab 04-25-98

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE
<i>MM</i>	4,506,387	March 9, 1985	Walter	455/612	
	4,510,623	April 9, 1985	Bonneau et al.	455/181	
	4,528,589	July 9, 1985	Block et al.	358/122	
	4,531,020	July 23, 1985	Wechselberger et al.	178/22.08	
	4,531,021	July 23, 1985	Bluestein et al.	178/22.08	
	4,540,849	September 10, 1985	Oliver	179/2 AM	
	4,543,616	September 24, 1985	Brooks	358/335	
	4,547,804	October 15, 1985	Greenberg	358/142	
	4,554,584	November 19, 1985	Elam et al.	358/165	
	4,558,464	December 10, 1985	O'Brien, Jr.	455/4	
	4,563,702	January 7, 1986	Heller et al.	358/119	
	4,566,030	January 21, 1986	Nickerson et al.	358/84	
	4,570,930	February 18, 1986	Matheson	273/1 E	
	4,578,536	March 25, 1986	Oliver et al.	179/2 AM	
	4,578,718	March 25, 1986	Parker et al.	360/10.3	
	4,592,546	June 3, 1986	Fascenda et al.	273/1 E	
	4,594,609	July 10, 1986	Romao et al.	358/119	
	4,595,952	June 17, 1986	Filliman	358/47	
	4,600,918	July 15, 1986	Belisomi et al.	340/711	
	4,600,921	July 15, 1986	Thomas	340/825.31	
	4,605,964	August 12, 1986	Chard	358/147	
	4,611,227	September 9, 1986	Brockhurst et al.	358/147	
	4,613,901	September 23, 1986	Gilhausen et al.	358/122	
	4,621,259	November 4, 1986	Schepers et al.	340/707	
	4,621,285	November 4, 1986	Schilling et al.	358/120	
	4,623,920	November 18, 1986	Dufresne et al.	358/122	
	4,626,892	December 2, 1986	Nortrup et al.	358/21 R	
	4,633,297	December 30, 1986	Skerlos et al.	358/22	
	4,636,858	January 13, 1987	Hague et al.	358/147	
	4,638,357	January 20, 1987	Heimbach	358/121	
	4,639,779	January 27, 1987	Greenberg	358/142	
	4,646,145	February 24, 1987	Percy et al.	358/84	
	4,649,533	March 10, 1987	Chorley et al.	370/58	
	4,658,290	April 14, 1987	McKenna	358/84	
	4,677,685	June 30, 1987	Kurisu	455/4	
	4,694,490	September 15, 1987	Harvey et al.	380/20	
	4,704,725	November 3, 1987	Harvey et al.	380/48	
	4,706,121	November 10, 1987	Young	358/142	
	4,710,919	December 1, 1987	Oliver et al.	370/96	
	4,710,955	December 1, 1987	Kauffman	380/10	
	4,718,107	January 5, 1988	Hayes	455/4	
	4,723,302	February 2, 1988	Fulmer et al.	455/2	
<i>MM</i>	4,736,422	April 5, 1988	Mason	380/120	

Melvin Marcelo 08-25-94

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE
<i>mm</i>	4,744,080	May 10, 1988	Brennand et al.	280/21	
	4,751,732	June 14, 1988	Kamitake	380/20	
	4,754,326	June 28, 1988	Kram et al.	364/900	
	4,768,144	August 30, 1988	Winter et al.	364/200	
	4,768,229	August 30, 1988	Benjamin et al.	380/20	
	4,782,401	November 1, 1988	Faerber et al.	358/335	
	4,785,420	November 15, 1988	Little	364/513.5	
	4,796,181	January 3, 1989	Wiedmer	364/406	
	4,803,725	February 7, 1989	Home et al.	380/44	
	4,805,020	February 14, 1989	Greenberg	358/147	
	4,809,274	February 28, 1989	Walker et al.	371/37	
	4,816,904	March 28, 1989	McKenna et al.	358/84	
	4,841,386	June 20, 1989	Schiering	360/69	
	4,843,482	June 27, 1989	Hegendorfer	358/335	
	4,855,842	August 8, 1989	Hayes et al.	358/342	
	4,862,268	August 9, 1989	Campbell et al.	358/141	
	4,879,611	November 7, 1989	Fukui et al.	360/69	
	4,885,579	December 5, 1989	Sandbank	340/825.72	
	4,888,796	December 19, 1989	Olivo, Jr.	379/101	
	4,982,430	January 1, 1991	Frezza et al.	380/50	
<i>mm</i>	4,993,066	February 12, 1991	Jenkins	380/16	

Julia Marcelo 68-24-98

* If Pertinent

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION	
					YES	NO
MM	0 020 242	December 10, 1980	European	G09G 1/16		X
	0 046 108	February 17, 1982	European	H04N 5/76		X
	0 049 184	April 7, 1982	European	G09B 7/08		X
	0 055 167	June 30, 1982	European	G09G 1/16		X
	0 056 649	July 28, 1982	European	H04N 5/44	X	
	0 077 712	April 27, 1983	European	H04N 7/00		X
	0 078 185	May 4, 1983	European	H04N 7/00		X
	1,189,612	June 25, 1985	Canada	Ho4n 7/08	X	
	1,216,977	June 8, 1983	Canada	H04M 11/00	X	
	1,396,981	June 11, 1975	United kingdom	H04H 1/00	X	
	1,523,307	August 31, 1978	Great Britain	H03K 5/08	X	
	1,543,502	April 4, 1979	United Kingdom	G08B9/00	X	
	1,582,563	January 14, 1981	United Kingdom	G08B9/00	X	
	1,584,111	February 4, 1981	United Kingdom	G08B9/00	X	
	2,051,527	January 14, 1981	Great Britain	G06F 3/153	X	
	2,067,379	July 22, 1981	Great Britain	H04L 1/24	X	
	2,090,504	July 7, 1982	Great Britain	H04N 3/16	X	
	2,103,455	February 16, 1983	Great Britain	H04N 1/00 7/12	X	
	2,496,376	June 18, 1982	France	H04N 7/00		X
	2,516,733	May 5, 1983	France	H04N 7/00		X
	2,823,175	November 29, 1979	German	G06F 3/12		X
	24 53 441	May 13, 1976	Germany	H04L 9/00		X
	DE 3039949	May 6, 1982	German	H04M 3/42		X
	DE 3112249	October 7, 1982	German	G09G 1/28		X
	80/02901	December 24, 1980	France	H04N 7/16		X
	857,862	January 4, 1961	United Kingdom	40 (1)	X	
	DE 3020787	December 17, 1981	Germany	H04N 7/08		X
	GB 2 081 948 A	February 24, 1982	United Kingdom	H04Q 9/00	X	
	WO80/00292	February 21, 1980	Japan	H04N9/16		X
MM	WO83/00789	March 3, 1983	Japan	H04N 7/08		X

Alvin Maralo 08-25-98

OTHER DOCUMENTS

Examiner Initial	Author, Title, Date, Reprint Pages, Etc.
mm	Hanas et al., "An Addressable Satellite Encryption System For Preventing Signal Piracy", November 1981, pp. 631-635.
	National Cable Television Association Executive Seminar Series, Videotex Services, October 1980, pp. 1-155.
	Kokado et al., "A Programmable TV Receiver", February 1976, pp. 69-82.
	J. Hedger et al., "Telesoftware-Value Added Teletext", August 1980, pp. 555-567.
	Marti, B., "The Concept Of A Universal Teletext" June 1979, pp.1-11
	Article re: America's Talk-Back Television Experiment: Qube
	Article re: "Teletext-Applications in Electronic Publishing"
	Article re: A Description of the Broadcast Telidon System, IEEE Transactions on Consumer Electronics, Vol. CE - 26, August 1980
	Article re: EPEOS--Automatic Program Recording System by G. Degoulet
	Article re: Teletext signals transmitted in UK...
	Article re: New services offered by a packet data broadcasting system, no. 149 February 1975
	Article re: Philips TV set indicates station tunign and color settings on screen, Electronics, Nov. 27, 1975
	Vincent, A. et al., "Telidon Teletest System Field Trials" IEEE Transactions on Consumer Electronics, Vol. CE - 27, No. 3, Aug. 1981, pp. 530-335
	Rzeszeewski, T., "A New Telletex Channel"
	Kaplinsky, C.H., "The D**(2)B A One Logical Wire Bus for Consumer Applications" 1981
	Sechet, C., "Antiope Teletext Captioning" 1980
	Lambert, O. et al., "Antiope and D.R.C.S." 1980
	"LSI Circuits for Teletext and Viewdata -- The Lucy Generation" published by Mullard Limited, Mullard House (1981)
	Nicholas Negrofonte in SID 80 Digest titled, "17.4/10:25 a.m.: Soft Fonts", pp. 184-185
	IEEE Consumer Electronics July 1979 issue from Spring Conference titled, "Consumer Text Display Systems", pp. 235-429
	Videotext '81 published by Online Conferences Ltd., for the May 20-22, 1981 Confernece, pp. 1-470
	"Teletext and Viewdata Costs as Applied to the U.S. Market" Published by Mullard House (1979), pp. 1-8
	Dalton, C.J., "International Broadcasting Convention" (1968), Sponsors: E.E.A., I.E.E., I.E.E.E., I.E.R.E., etc.
	Shorter, D.E.L., "The Distribution of Television Sound by Pulse-Code Modulation Signals Incorporated in the Video Waveform"
	Chorky, J.M., Shorter, D.E.L., "International Broadcasting Convention" (1970), pp. 166-169
	"The Implementation of the Sound-in-Sync project for Eurovision (Feb. 1975), pp. 18-22, No. 140 E.B.U. Review
	Maegele, Manfred, "Digital Transmissions of Two Television Sound Channels in Horizontal Banking", pp. 68-70
	Weston, J.D., "Digital TV Transmission for the European Communications Satellite" (1974), pp. 318-325
mm	Golding, L., "A 15 to 25 Mhz Digital Television System for Transmission of Commercial Color Television" (1967), pp. 1-26

Mulvin Marulo 08-25-98

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Huth, Gaylord K., "Digital Television System Design Study: Final Report (11/28/76), prepared for NASA Lyndon B. Johnson Space Center
	Weston, J.D., "Transmission of Television by Pulse Code modulation", Electrical Communication (1967), pp. 165-172
	Golding, L., "F1-Ditec-A-Digital Television Communications System for Satellite Links," Telecommunications Numeriques Par Satellite
	Haberle, H. et al., "Digital TV Transmission via Satellite", Electrical Communications (1974)
	Dirks, H. et al., "TV-PCM6 Integrated Sound and Vision Transmission System, Electrical Communication (1977), pp. 61-67
	Talygin, N.V. et al., The "Orbita" Ground Station for Receiving Television Programs Relayed by Satellites, Elektroviz, pp. 3-5
	Portions of Electronic Engineer's Reference Book (1989) - Multichannel sound systems, Teletext transmission, cable television, ISDN applications, etc.
	Collin, Simon, PC Text II (Hardware Review (Shortlist), PC User (1990)
	Alfonzetti, Salvatore, "Interworking between teletext and OSI systems," Computer Communications (1989)
	Voorman, J.O. et al., A one-chip Automatic Equalizer for Echo Reduction in Teletext, IEEE Transactions on Consumer Electronics, pp. 512-529
	"Teletext (Broadcast Videotext) Begins in the United States" by Richard H. Veith, Logica, Inc. at National Online Meeting: Proceedings - 1982 sponsored by Online Review, pp. 547 - 551
	MacKenzie, G.A., A Model for the UK Teletext Level 2 Specification (Ref: GTV2 242 Annex 6" based on the ISO Layer model
	Chambers, J.P., A Domestic Television Program Delivery Services, British Broadcasting Corporation, pp. 1-5
	McKenzie, G.A., UK Teletext - The Engineering Choices, Independent Broadcasting Authority, pp. 1-8
	Adding a new dimension to British television, Electronic Engineering (1974)
	Jones, Keith, The Development of Teletext, pp. 1-6
	Ando, Heichero et al., Still-Picture Broadcasting - A new Informational and Instructional Broadcasting System, IEEE Transactions on Broadcasting (1973), pp. 68-76
	B.B.C.I.B.A., Specification of Standards for information transmission by digitally coded signals in the field - blanking interval of 625-line systems (1974), pp. 5-40
	Tarrant, D.R., "Teletext for the World" (date unknown)
	Clifford, Colin et al., "Microprocessor Based, Software Defined Television Controller", IEEE Transaction on Consumer Electronics (1978), pp. 436-441
	Hughes, William L. et al., "Some Design Considerations for Home Interactive Terminals", IEEE Transactions on Broadcasting (1971)
	Mothersdale, Peter L., "Teletext and viewdata: new information systems using the domestic television receiver", Electronics Record (1979), pp. 1349-1354
	Betts, W.R., "Viewdata: the evolution of home and business terminals", PROC.IEE (1979), pp. 1362-1366
	Hutt, P.R., "Thical and practical ruggedness of UK teletext transmission", PROC.IEE (1979), pp. 1397-1403
	Rogers, B.J., "Methods of measurement on teletext receivers and decoders", PROC.IEE (1979), pp.1404-1407
	Green, N., "Subtitling using teletext service - technical and editorial aspects", PROC.IEE (1979), pp. 1408-1416
mm	Chambers, M.A., "Teletext - enhancing the basic system", PROC.IEE (1979), pp. 1425-1428

melvin Marallo

08-29-98

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
Man	Crowther, G.O., "Adaptation of UK Teletex System for 525/60 Operation", IEEE Transactions on Consumer Electronics (1980), pp. 587-596
	Lopinto, John, "The Application of DRCS within the North American Broadcast Teletext Specification", IEEE Transactions on Consumer Electronics (1982), pp. 612-617
	BBC, BBC Microcomputer. BBC Microcomputer with Added Processor and Teletex Adaptor (Manual)
	Green, N.W., "Picture Oracle," On Independent Television Companies Association Limited Letterhead
	National Captioning Institute, Comments on the Matter of Amendment of Part 73, Subpart E. of the Federal Communications Rules Government Television Stations to Authorize Teletext (before F.C.C.) 03-26-81
	Balchin, C., "Videotext and the U.S.A.", I.C. Product Marketing Memo
	EIA Teletext SubCommittee Meetings, Report on USA Visit
	Brighton's Experience with Software for Broadcast (Draft) 1981
	The Institution of Electronic and Radio Engineers, Conference on Electronic Delivery of Data and Software, Pub. no. 69, 9/1986
	AT&T, "Videotex Standard Presentation Level Protocol", 1981
	Various Commissioner statements on Authorization of Teletext Transmissions by TV Stations, BC Docket No. 81-741, 03-31-83
	Report and Order of FCC on the Matter of Amendment of Parts 2, 73, and 76 of the Commission's Rules to Authorize the Transmission of Teletext by TV Stations, pp. 1-37, 05-20-83
	IBA Technical Review of Digital Television by F. Howard Steele, pp. 1-64, 6/1973
	National Cable Television Association report, "Videotex Services" given at Executive Seminar, pp. iii-155
	Electronic Industries Association - Teletext Subcommittee Task Group A - Systems Minutes of Meeting 3/30/81 at Zenith plus attachments
	Electronic Industries Association - Teletext Subcommittee Task Group A - Systems Interim Report, 3/30/81 by Stuart Lipoff, Arthur D. Little Inc.
	Minutes of Electronic Industries Association Teletext Subcommittee Task Force B - Laboratory & Field Tests 3/30/81
	National Captioning Institute Report, "The 1980 Closed-Captioned Television Audience"
	Electronic Industries Assoc. - Teletext Subcommittee - Steering Committee Minutes of Meeting on 3/31/81
	Various Articles following cover sheet titled "QVP - Pay Per View" 11/29/82
	National Cable Television Association report, "Videotex Services" October 1980
	Scala Info Channel Advertisement, "The Art of Conveying A Message"
	Zenith Corporation's Z-Tac Systems information includes Z-tac specifications, access list, etc. (various articles)
	Report by Cablesystems Engineering Ltd. on, "Zenith Addressable System and Operating Procedures" and Advertising documents, Nov. 1981
	Memo from W. Thomas to G. Kelly on 1/21/82 Re: Modified ZTAC/Multi Channel
	Notations by Walt Ciciora dated 8/19/81 referring to Virex figures, 8/19/81
	"Preliminary Specification for Basic Text" Stamped Zenith Confidential, 2/17/81
	Petition to FCC dated 3/26/81 titled, "Petition for Rulemaking of Unighted Kingdom Teletext Industry Group," also 1 page of handwritten notes from Walter Ciciora
	"Enhanced Computer Controlled Teletext for 525 Line Systems (Usecc) SAA 5245 User Manual" report by J.R. Kinghorn, August 1, 1981
	"Questions and Answers about Pay TV" by Ira Kamen, 1973
nm	Oak Industries 1981 Annual Report

mw/m Marcelo 08-25-98

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
<i>Mm</i>	Article, "50 Different Uses For At Home 2-Way Cable TV Systems" by Morton Dubin
	Derwent Info Ltd. search. Integrated broadcasting & Computer Processing system. Inventor J. Harvey/J. Cuddihy
	"Relevant papers for Weather Channel V PMMC"
	Letter to Peter Hatt Re: BVT: Advisory UK Industry Contact Group, 6/24/81
	Memo RE: Next Moves by British teletext and video proponents toward gaining support of systems in US.
	Memo - Re: British Teletext - ABC
	Notes to Section 22.4: Simple Block Encipherment Algorithm
	Internal Correspondence to John Meyer from Mike Clader RE: Teletext Business Posture, Sept. 18, 1981 and Internal Correspondence to Mike Calder from John Nemec RE: Trips to Zenith, Sept. 9, 1981
	Memo to Bernie Kotten about National Cable TV Association meeting and efforts to encourage Sony to integrate teletext chip sets into its TV, March 25, 1986
	Kahn, et al., "Advances in Packet Radio Technology," Proceedings of the IEEE, Vol. 66, No. 11, Nov. (1978) pp. 1468-1495
	Clifford, C., "A Universal Controller for Text Display Systems," IEEE Transactions on Consumer Electronics, (1979) pp. 424-429
	Harden, B., "Teletext/Viewdata LSI," IEEE Transactions on Consumer Electronics, (1979), pp. 353-358
	Bown, H. et al., "Comparative Terminal Realizations with Alpha-Geometric Coding," IEEE Transaction on Consumer Electronics, (1980), pp. 605-614
	Crowther, "Dynamically Redefinable Character Sets--D.R.C.S.," IEEE Transaction on Consumer Electronics, (1980), pp. 707-716
	Chambers, John et al., "The Development of a Coding Hierarchy for Enhanced UK Teletext," IEEE Transaction on Consumer Electronics, (1981), pp. 536-540
	In Re Reexamination of U.S. Patent No. 4,706,121
	U.S. Patent Application by T. Diepholz (Serial No. 266900), filing date 5-26-81
	88908836.5 International Application to John C. Harvey
<i>m</i>	Kruger, H. E., "Memory Television, The ZPS Digital Identification System." pp. 1 - 9

EXAMINER <i>Melvin Marcus</i>	DATE CONSIDERED <i>08-25-88</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
mm	2,875,270	2/24/59	Wendt et al.	178/5.1	
	3,440,427	4/22/69	Kammer	250/210	
	3,485,946	12/23/69	Jackson et al.	178/6	
	3,500,327	3/10/70	Belcher et al.	340/154	
	3,560,936	2/2/71	Busch	340/172.5	
	3,564,509	2/16/71	Perkins et al.	340/172.5	
	3,696,297	10/3/72	Otero	325/55	
	3,712,956	1/23/73	Lemelson	178/6.6A	
	3,836,888	9/17/74	Boenke et al.	340/172.5	
	3,848,082	11/12/74	Summers	178/5.6	
	3,889,054	6/10/75	Nagel et al.	178/6.8	
	3,936,868	2/3/76	Thorpe	358/22	
	3,982,065	9/21/76	Barnaby et al.	178/5.8	
	3,984,637	10/5/76	Caudill et al.	179/2	
	3,996,583	12/7/76	Hutt et al.	340/324	
	4,016,361	4/5/77	Pandey	358/83	
mm	4,026,555	5/31/77	Kirschner et al.	273/85	

Examiner <i>Melvin Morales</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
<i>Mh</i>	4,032,972	6/28/77	Saylor	358/142	
	4,042,958	8/16/77	Saylor et al.	358/141	
	4,052,719	10/4/77	Hutt et al.	340/324	
	4,055,848	10/25/77	Fearnside	358/8	
	4,064,490	12/20/77	Nagel	364/200	
	4,074,315	2/14/78	Kawamura et al.	358/142	
	4,096,524	6/20/78	Scott	358/85	
	4,099,258	7/4/78	Parsons	364/900	
	4,120,003	10/10/78	Mitchell et al.	358/142	
	4,134,127	1/9/79	Campioni	358/16	
	4,135,213	1/16/79	Wintfeld et al.	358/142	
	4,139,860	2/13/79	Micic et al.	358/22	
	4,161,728	7/17/79	Insam	340/750	
	4,162,513	7/24/79	Beyers, Jr. et al.	358/191	
	4,178,613	12/11/79	Takahashi et al.	358/183	
	4,203,130	5/13/80	Doumit et al.	358/1	
	4,228,543	10/14/80	Jackson	455/181	
<i>ym</i>	4,231,031	10/28/80	Crowther et al.	340/695	

Examiner <i>Melvin Markula</i>	Date Considered 08-25-96
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
mm	4,233,628	11/11/80	Ciciora	358/147	
	4,243,984	1/6/81	Ackley et al.	340/703	
	4,245,252	1/13/81	Nagumo	358/213	
	4,249,211	2/3/81	Baba et al.	358/183	
	4,261,006	4/7/81	Weintraub et al.	358/3	
	4,270,145	5/26/81	Farina	358/188	
	4,278,973	7/14/81	Hughes et al.	340/721	
	4,278,993	7/14/81	Suzuki	358/22	
	4,308,558	12/29/81	Hernandez et al.	358/142	
	4,315,282	2/9/82	Schumacher	358/107	
	4,337,485	6/29/82	Chambers	358/147	
	4,344,090	8/10/82	Belisomi et al.	358/183	
	4,361,848	11/30/82	Poignet et al.	358/1	
	4,374,395	2/15/83	Herrmann et al.	358/22	
	4,405,946	9/20/83	Knight	358/192.1	
	4,412,244	10/25/83	Shanley, II	358/22	
	4,413,281	11/1/83	Thonnart	358/147	
mm	4,420,769	12/13/83	Novak	358/139	

Examiner <i>Melvin Marcelo</i>	Date Considered 08-25-18
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
mm	4,430,669	2/7/84	Cheung	358/122	
	4,449,249	5/15/84	Price	455/45	
	4,450,442	5/22/84	Tanaka	340/814	
	4,456,925	6/26/84	Skeros et al.	358/85	
	4,477,830	10/16/84	Lindman et al.	358/1	
	4,495,654	1/22/85	Deiss	455/151	
	4,496,171	1/29/85	Cherry	283/61	
	4,496,976	1/29/85	Swanson et al.	358/147	
	4,498,098	2/5/85	Stell	358/22	
	4,550,407	10/29/85	Couasnon et al.	371/29	
	4,566,034	1/21/86	Harger et al.	358/194.1	
	4,595,951	6/17/86	Filliman	358/147	
	4,614,972	9/30/86	Motsch et al.	358/147	
	4,616,262	10/7/86	Toriumi et al.	358/183	
	4,620,227	10/28/86	Levin et al.	358/147	
	4,620,229	10/28/86	Amano et al.	358/194.1	
	4,626,909	12/2/86	Oniki et al.	358/114	
mm	4,639,890	1/27/87	Heilveil et al.	364/900	

Examiner Melvin Marala	Date Considered 08-25-96
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
mm	4,663,735	5/5/87	Novak et al.	364/900	
	4,688,197	8/18/87	Novak et al.	365/230	
	4,691,351	9/1/87	Hayashi et al.	380/10	
	4,710,800	12/1/87	Fearing et al.	358/22	9/16/85
	4,720,819	1/19/88	Pinkham et al.	365/219	12/30/83
	4,745,549	5/17/88	Hashimoto	364/402	6/6/86
	4,747,081	5/24/88	Heilveil et al.	365/219	12/30/83
	4,768,144	8/30/88	Winter et al.	364/200	10/20/86
	4,768,228	8/30/88	Clupper et al.	380/20	9/11/87***
	4,829,569	5/9/89	Seth-Smith et al.	380/10	7/8/86
	4,885,775	12/5/89	Lucas	380/10	9/21/84
	5,163,024	11/10/92	Heilveil et al.	365/219	5/9/90***
	Re. 31,977	8/27/85	Ott	364/200	
mm	Re. 32,187	6/17/86	Barda et al.	340/706	

* - If pertinent

*** - Claims priority from patent application filed prior to Sept. 11, 1987

Examiner <i>Helvin Marcelo</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country	Class / Subclass	Translation	
					Yes	No
mm	60-61935	4/9/85	Japan	G11B15/02	abs.	
mm	61-50470	3/12/86	Japan	H04N 5/44	abs.	
mm	0 133 985	3/13/85	European Patent Office	H 04 N 7/087	abs.	
mm	1,066,931	4/26/67	Great Britain	G 07c		No

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Gecsei, Jan. <u>The Architecture of Videotex Systems</u> (Englewood Cliffs, N.J.: Prentice-Hall, Inc., 1983), pp. 174-177, 233-238.
	Sigel, Efrem et al. <u>The Future of Videotext: Worldwide Prospects for Home/Office Electronic Information Services</u> (White Plains, N.Y.: Knowledge Industry Publications, Inc., 1983), pp. 28, 119-126.
	Raggett, Michael. "Broadcast Telesoftware," <u>Computer Graphics World</u> , Vol. 6, No. 9, September 1983, table of contents, pp. 49, 50, 52 and letters.
	Tydemann, John et al. <u>Teletex and Videotex in the United States: Market Potential, Technology, Public Policy Issues</u> , Institute for the Future (New York: McGraw-Hill Publications, 1982), pp. 4, 89-99, 122-169.
mm	"Telesoftware and Education Project: Summary of Report," A Joint BBC/ITV & Brighton Research Project, Summer 1982, 111 p. and appendix.

Examiner <i>William M. ...</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Damouny, N.G. "Teletext Decoders - Keeping Up with the Latest Technology Advances," <u>Consumer Electronics</u> , Vol. CE-30, No. 3, August 1984, pp. 429-436.
	Nishimoto, Naomichi et al. "VHS VCR with Index and Address Search Systems," <u>Consumer Electronics</u> , Vol. CE-33, No. 3 August 1987, pp. 220-225.
	Weissman, Steven B. "Teletext in transactional videotex," <u>Electronic Publishing Review</u> , Vol. 2, No. 4, 1982, pp. 301-304.
	Crowther, G.O. "Teletext Enhancements - Levels 1, 2 and 3," <u>IBA Technical Review</u> , May 1983, pp. 11-16.
	McIntyre, Colin, "Broadcast teletext - who says it isn't interactive?" pp. 1-12 in: Anon. <u>Videotex-key to the information revolution</u> (Online Publications Ltd., 1982).
	Veith, Richard H., "Television's Teletext," Elsevier Science Publishing, Inc., New York, 1983, pp. 9, 12, 17, 19, 32, 46-47, 136-137, 139.
	Alber, Antone F., "Videotex/Teletext, Principles and Practices," McGraw-Hill Book Company, pp. 37, 138-139, 142-147, 188-191.
	Russell, R.T. "Teletext remote control," part 1, <u>Wireless World</u> , April 1979, 4 pages.
	Russell, R.T. "Teletext remote control", part 2, <u>Wireless World</u> , May 1979, pp. 83-86.
	Pandey, K. "Second generation teletext and viewdata decoders," <u>Proceedings IEE</u> , Vol. 126, December 1979, pp. 1367-1373.
	Hedger, J. et al. "Telesoftware: adding intelligence to teletext," <u>Proceedings IEE</u> , Vol. 126, December 1979, pp. 1412-1416
mm	Sigel, Efrem et al. <u>Videotext: The Coming Revolution in Home/Office Information Retrieval</u> , (White Plains, NY: Knowledge Industry Publications, Inc., 1980), pp. 6, 7, 13, 28, 33, 34, 36, 37.

Examiner <i>Melvin Marcus</i>	Date Considered 08-25-98
----------------------------------	-----------------------------

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
MM	Roizen, Joseph. "Teletext in the USA," <u>SMPTE Journal</u> , Vol. 90, July 1981, pp. 602-610.
	Money, Steve A. <u>Teletext and Viewdata</u> (London: Butterworth & Co., Ltd., 1981), preface, pp. 1-145, glossary and index.
	Risher, Carol A. "Electronic Media and the Publishers, Part 1: Teletext," <u>Videodisc Videotex</u> , Vol. 1, No. 3, Summer 1981, pp. 162-167.
	Chew, J.R. "CEEFAQ: evolution and potential," BBC Research Department Report No. BBC RD 1977/26, August 1977, table of contents, pp. 1-14 and appendix.
	Hedger, John. "Telesoftware: Home computing via teletext," <u>Wireless World</u> , November 1978, pp. 61-64.
	Anon. <u>VIDEOTEX '81</u> , International Conference & Exhibition, May 20-22, 1981, Toronto, Canada (Northwood Hills, UK: Online Conferences, Ltd; 1981), pp. 78-84.
	Winsbury, Rex, ed. <u>Viewdata in Action: A Comparative Study of Prestel</u> (London: McGraw-Hill, Ltd., 1981), pp. 10-12, 31, 35, 36, 57-61, 102, 103, 109, 202-204, 211-219.
	"Colloquium on Broadcast and Wired Teletext Systems - Ceefax, Oracle, Viewdata," Tuesday, 13 January 1976, IEE Electronics Division, Professional Group E14 (Television and Sound), Digest No. 1976/3.
	Anon. "Updating databases by off-peak TV," <u>New Scientist</u> , 21 October 1976, p. 162.
	Marti, Bernard. "New Ancillary Services Using a Television Channel," <u>SMPTE Journal</u> , Vol. 86, November 1977, pp. 815, 817, 818.
	Biggs, A.J. et al. "Broadcast data in television," <u>GEC Journal of Science and Technology</u> , Vol. 41, No. 4, 1974, pp. 117-124.
MM	Heuer, D.A. "A Microprocessor Controlled Memory Tuning System," <u>Consumer Electronics</u> , Vol. CE-25, No. 4, August 1979, pp. 677-683.

Examiner <i>Melvin Marulo</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
MM	Marti, Bernard et al. "ANTIOPE, service de télétexte," journal unk., pp. 17-22.
	Lipoff, Stuart J. "Mass Market Potential for Home Terminals," <u>Consumer Electronics</u> , vol. unk., pp. 169-184.
	Crowther, G.O., "Adaptation of U.K. Teletext System for 525/60 Operation," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-26, Aug. 1980, pp. 587-599.
	Gosch, John, "Code accompanying TV program turns on video cassette recorder in proposed scheme," <u>Electronics</u> , Feb. 10, 1981, pp. 80-82.
	Somers, Eric, "Appropriate Technology for Text Broadcasting," <u>Viewdata and Videotext, 1980-81: A Worldwide Report</u> , Transcript of viewdata '80, first world conference on viewdata, videotex, and teletext, Knowledge Industry Publications, Inc., White Plains, New York, Copyright 1980 by Online Conferences, Ltd., pp. 499-514.
	Dages, Charles L., "Playcable: A Technological Alternative for Information Services," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-26, Aug. 1980, pp. 482-486.
	Norris, Bryan L. et al., "Teletext Data Decoding," <u>IEEE Transactions on Consumer Electronics</u> , Aug. 1976, pp. 248-253.
MM	Kokado, N. et al., "A Programmable TV Receiver," <u>IEEE Transactions on Consumer Electronics</u> , Vol. 22, No. 1, Feb. 1976, pp. 69-83.

Examiner <i>Melvin Marcelo</i>	Date Considered 08-29-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



PTO 1449

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

 Attorney Docket No.
5634.163

 Serial No.
08/448,644

Applicants

John C. Harvey *and* James W. Cuddihy

Filing Date:

May 24, 1995

Group:

**Signal Processing Apparatus
and Method**

U.S. Patent Documents

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
mm	2,511,085	June 13, 1950	Smith	179/1	
	2,573,349	Oct. 30, 1951	Miller et al.	177/353	
	2,769,023	Oct. 30, 1956	Loew et al.	178/5.1	
	2,788,387	Apr. 9, 1957	Druz	178/5.1	
	2,864,885	Dec. 16, 1958	Morris	178/5.1	
	2,866,962	Dec. 30, 1958	Ellet	340/147	
	3,016,091	Jan. 9, 1962	Daniele	162/391	
	3,071,642	Jan. 1, 1963	Mountjoy et al.	178/5.1	
	3,213,201	Oct. 19, 1965	Flood et al.	179/15	
	3,238,297	Mar. 1, 1966	Pawley et al.	178/22	
	3,363,250	Jan. 9, 1968	Jacobson	343/225	
	3,493,674	Feb., 1970	Houghton	178/5.6	
	3,531,586	Sept. 29, 1970	Bass et al.	178/6	
	3,536,833	Oct. 27, 1970	Guanella	178/22	
	3,569,937	Mar. 9, 1971	Hoetter	340/171	
	3,573,747	Apr. 6, 1971	Adams et al.	340/172.5	
	3,584,142	June 8, 1971	Schoeffler	178/6.8	
	3,601,528	Aug. 24, 1971	McVoy	178/5.1	
	3,609,697	Sept. 28, 1971	Blevins et al.	340/172.5	
mm	3,657,699	Apr. 18, 1972	Rocher et al.	340/146.1	

EXAMINER

Melvin Marcelo

DATE CONSIDERED

08-25-98

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

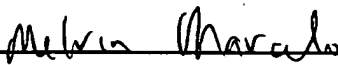
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicants John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date: May 24, 1995	Group:

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
<i>mm</i>	3,659,046	Apr. 25, 1972	Angeleri et al.	178/22	
	3,668,307	June 6, 1972	Face et al.	178/5.6	
	3,684,823	Aug. 15, 1972	McVoy	178/5.1	
	3,693,090	Sept. 19, 1972	Gabriel	325/308	
	3,703,684	Nov. 21 1972	McVoy	325/31	
	3,725,672	Apr. 3, 1973	Reuter	307/208	
	3,729,581	Apr. 24, 1973	Anderson	178/6.8	
	3,731,197	May 1, 1973	Clark	325/32	
	3,733,430	May 15, 1973	Thompson et al.	178/5.1	
	3,736,369	May 29, 1973	Vogelman et al.	178/5.1	
	3,749,845	July 31, 1973	Fraser	179/15	
	3,752,908	Aug. 14, 1973	Boenke et al.	178/5.6	
	3,757,225	Sep. 4, 1973	Ukicki	325/308	
	3,773,977	Nov. 20, 1973	Guanella	179/1.5	
	3,777,053	Dec. 4, 1973	Wittig et al.	178/5.1	
	3,789,137	Jan. 29, 1974	Newell	178/6.6	
	3,790,700	Feb. 5, 1974	Callais et al.	178/5.1	
	3,798,359	Mar. 19, 1974	Feistel	178/22	
	3,798,610	Mar. 19, 1974	Bliss et al.	340/172.5	
<i>mm</i>	3,803,491	Apr. 9, 1974	Osborn	325/53	

EXAMINER <i>Marvin Marcelo</i>	DATE CONSIDERED <i>08-25-98</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicants John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date: May 24, 1995	Group:

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
mm	3,806,814	Apr. 23, 1974	Forbes	325/309	
	3,819,852	June 25, 1974	Wolf	178/5.6	
	3,824,332	July 16, 1974	Horowitz	178/5.1	
	3,824,467	July 16, 1974	French	325/32	
	3,825,893	July 23, 1974	Bossen et al.	340/146.1	
	3,833,757	Sept. 3, 1974	Kirk, Jr. et al.	178/5.6	
	3,835,387	Sep. 10, 1974	Rookes et al.	325/55	
	3,842,196	Oct. 15, 1974	Louglin	358/12	
	3,845,391	Oct. 29, 1974	Crosby	325/64	
	3,848,193	Nov. 12, 1974	Martin et al.	325/53	
	3,882,392	May 6, 1975	Harney	325/53	
	3,885,089	May 20, 1975	Callais et al.	178/5.1	
	3,886,302	May 27, 1975	Kosco	178/5.1	
	3,886,454	May 27, 1975	Oakley et al.	325/52	
	3,890,461	June 17, 1975	Vogelman et al.	178/5.1	
	3,891,792	June 24, 1975	Kimura	178/5.8R	
	3,893,031	July 1, 1975	Majeau et al.	325/32	
	3,894,176	July 8, 1975	Mellon	178/5.1	
	3,899,633	Aug. 12, 1975	Sorenson et al.	178/5.1	
	3,911,216	Oct. 7, 1975	Bartek et al.	178/22	
mm	3,914,534	Oct. 21, 1975	Forbes	178/5.1	

EXAMINER 	DATE CONSIDERED 08-25-98
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicants John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date: May 24, 1995	Group:

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
mm	3,916,091	Oct. 28, 1975	Kirk, Jr. et al.	178/5.1	
	3,919,462	Nov. 11, 1975	Hartung et al.	178/5.1	
	3,921,151	Nov. 18, 1975	Guanella	340/172.5	
	3,924,187	Dec. 2, 1975	Dormans	325/52	
	3,934,079	Jan. 20, 1976	Barnhart	178/5.1	
	3,936,593	Feb. 3, 1976	Aaronson et al.	178/5.1	
	3,936,594	Feb. 3, 1976	Schubin et al.	178/5.1	
	3,936,595	Feb. 3, 1976	Yanagimachi et al.	178/5.6	
	3,943,447	Mar. 9, 1976	Shomo, III	325/308	
	3,947,882	Mar. 30, 1976	Lightner	360/92	
	3,949,313	Apr. 6 1976	Tamada et al.	329/106	
	3,956,615	May 11, 1976	Anderson et al.	235/61.7B	
	3,970,790	July 20, 1976	Guanella	179/1.5S	
	3,975,583	Aug. 17, 1976	Meadows	175/5.6	
	3,978,449	Aug. 31, 1976	Sanders et al.	340/146.1	
	3,987,398	Oct. 19, 1976	Fung	325/309	
	3,988,528	Oct. 26, 1976	Yanagimachi et al.	178/5.6	
	3,997,718	Dec. 14, 1976	Ricketts et al.	178/6.8	
	4,024,574	May 17, 1977	Nieson	358/117	
	4,025,851	May 24, 1977	Hazelwood et al.	325/31	
mm	4,025,947	May 24, 1977	Michael	358/86	

EXAMINER <i>Helvin Marcelo</i>	DATE CONSIDERED 08-25-98
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicants John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date: May 24, 1995	Group:

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
MM	4,025,948	May 24, 1977	Loshin	358/122	
	4,031,548	June 21, 1977	Kato et al.	358/188	
	4,048,619	Sept. 13, 1977	Forman, Jr. et al.	340/154	
	4,049,906	Sept. 20, 1977	Hafner et al.	178/2C	
	4,054,911	Oct. 18, 1977	Fletcher et al.	358/141	
	4,058,830	Nov. 15, 1977	Gulnet et al.	358/86	
	4,068,264	Jan. 10, 1978	Pires	358/122	
	4,079,419	Mar. 14, 1978	Siegle et al.	358/193	
	4,081,612	Mar. 28, 1978	Hafner	179/15BA	
	4,081,753	Mar. 28, 1978	Miller	325/396	
	4,081,831	Mar. 28, 1978	Tang et al.	358/114	
	4,091,417	May 23, 1978	Nieson	358/117	
	4,104,486	Aug. 1, 1978	Martin et al.	179/2	
	4,107,735	Aug. 15, 1978	Frohbach	358/84	
	4,112,464	Sept. 5, 1978	Gulf et al.	358/122	
	4,115,662	Sept. 19, 1978	Gulnet et al.	179/15BV	
	4,115,807	Sept 19, 1978	Pires	358/122	
	4,120,030	Oct. 10, 1978	Johnstine	364/200	
	4,130,833	Dec. 19, 1978	Choenet	358/122	
	4,131,881	Dec. 26, 1978	Robinson	340/167R	
mm	4,138,726	Feb. 6, 1979	Girault et al.	364/521	

EXAMINER <i>Melvin Marcelo</i>	DATE CONSIDERED <i>08-25-98</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicants John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date: May 24, 1995	Group:.

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
MM	4,160,120	July 3, 1979	Barnes et al.	178/22	
	4,161,751	July 17, 1979	Ost	358/114	
	4,163,254	July 31, 1979	Block et al.	358/122	
	4,163,255	July 31, 1979	Pires	358/122	
	4,168,396	Sept. 18, 1979	Best	178/22	
	4,170,782	Oct. 9, 1979	Miller	358/84	
	4,171,513	Oct. 16, 1979	Otey et al.	325/32	
	4,172,213	Oct. 23, 1979	Barnes et al.	178/22	
	4,186,413	Jan. 29, 1980	Mortimer	358/146	
	4,196,310	Apr. 1, 1980	Forman et al.	178/22	
	4,200,770	Apr. 29, 1980	Hellman et al.	178/22	
	4,200,913	Apr. 29, 1980	Kuhar et al.	364/900	
	4,205,343	May 27, 1980	Barrett	358/147	
	4,213,124	July 15, 1980	Barda et al.	340/706	
	4,215,366	July 29, 1980	Davidson	358/124	
	4,215,370	July 29, 1980	Kirk, Jr.	358/146	
	4,225,884	Sept. 30, 1980	Block et al.	358/122	
	4,225,967	Sep. 30, 1980	Miwa et al.	455/68	
	4,230,990	Oct. 28, 1980	Lert, Jr et al.	455/67	
	4,232,193	Nov. 4, 1980	Gerard	179/1.5R	
MM	4,236,217	Nov. 25, 1980	Kennedy	364/483	

EXAMINER <i>Melvin Marcelo</i>	DATE CONSIDERED 08-25-98
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicants John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date: May 24, 1995	Group:

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
MM	4,237,484	Dec. 2, 1980	Brown et al.	358/142	
	4,245,245	Jan. 13, 1981	Matsumoto et al.	358/122	
	4,247,106	Jan. 27, 1981	Jeffers et al.	273/85G	
	4,250,524	Feb. 10, 1981	Tomizawa	358/122	
	4,253,114	Feb. 24, 1981	Tang et al.	358/114	
	4,253,157	Feb. 24, 1981	Kirschner et al.	364/900	
	4,262,329	Apr. 14, 1981	Bright et al.	364/200	
	4,264,924	Apr. 28, 1981	Freeman	358/86	
	4,264,925	Apr. 28, 1981	Freeman et al.	358/86	
	4,266,243	May 5, 1981	Shutterly	358/121	
	4,275,411	June 23, 1981	Lippel	358/13	
	4,283,602	Aug. 11, 1981	Adams et al.	179/1.5R	
	4,284,976	Aug. 18, 1981	Gable et al.	340/147	
	4,286,281	Aug. 25 1981	Suzuki	358/4	
	4,287,592	Sept. 1, 1981	Paulish et al.	370/88	
	4,288,809	Sept. 8, 1981	Yabe	358/12	
	4,290,141	Sept. 15, 1981	Anderson et al.	455/2	
	4,290,142	Sept. 15, 1981	Schnee et al.	455/3	
	4,292,650	Sept. 29, 1981	Henderickson	358/173	
	4,295,223	Oct. 13, 1981	Shutterly	455/72	
MM	4,302,771	Nov. 24, 1981	Gargini	358/86	July 23, 1980

EXAMINER <i>Melvin Marcelo</i>	DATE CONSIDERED <i>08-29-98</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicants John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date: May 24, 1995	Group:

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
mm	4,304,990	Dec. 8, 1981	Atalla	235/380	Feb. 4, 1980
	4,305,101	Dec. 8, 1981	Yarbrough et al.	360/69	Apr. 16, 1979
	4,305,131	Dec. 8, 1981	Best	364/521	
	4,305,131	Dec. 8, 1981	Best	364/521	Mar. 31, 1980
	4,306,289	Dec. 15, 1981	Lumley	364/200	Feb. 4, 1980
	4,306,305	Dec. 15, 1981	Doi et al.	371/38	Oct. 19, 1979
	4,307,446	Dec. 22, 1981	Barton et al.	364/200	May 2, 1979
	4,310,854	Jan. 12, 1982	Baer	358/143	Aug. 29, 1979
	4,312,016	Jan. 19, 1982	Glaab et al.	358/188	Feb. 2, 1979
	4,313,132	Jan. 26, 1982	Doles et al.	358/114	Oct. 31, 1979
	4,314,367	Feb. 2, 1982	Bakka et al.	370/60	Jan. 17, 1980
	4,316,055	Feb. 16, 1982	Feistel	178/22.06	Dec. 30, 1976
	4,316,245	Feb. 16, 1982	Luu et al.	364/200	Dec. 7, 1978
	4,318,125	Mar. 2, 1982	Shutterly	358/121	Apr. 25, 1979
	4,319,079	Mar. 9, 1982	Best	178/22.09	Jan. 17, 1980
	4,322,745	Mar. 30, 1982	Saeki et al.	358/123	Mar. 21, 1980
	4,323,921	Apr. 6, 1982	Guillou	358/114	Jan. 23, 1980
	4,323,922	Apr. 6, 1982	den Toonder et al.	358/117	Dec. 17, 1979
	4,325,078	Apr. 13, 1982	Seatom et al.	358/117	Nov. 20, 1979
	4,329,675	May 11, 1982	Van Hulle	358/86	Sep. 23, 1980
mm	4,329,684	May 11, 1982	Monteath et al.	340/707	Jan. 15, 1980

EXAMINER <i>Melvin Marcelo</i>	DATE CONSIDERED <i>08-25-98</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. - 08/448,644
	Applicants John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date: May 24, 1995	Group:

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
<i>Man</i>	4,331,973	May 25, 1982	Eskin et al.	358/84	Oct. 20, 1980
	4,331,974	May 25, 1982	Cogswell et al.	358/86	Oct. 21, 1980
	4,332,980	June 1, 1982	Reynolds et al.	179/2A	May 30, 1980
	4,333,152	June 1, 1982	Best	364,521	June 13, 1980
	4,334,242	June 8, 1982	Mangold	358/127	Jan. 14, 1980
	4,336,553	June 22, 1982	den Toonder et al.	358/120	May 14, 1980
	4,336,559	June 22, 1982	Koyama et al.	360/73	Nov. 9, 1978
	4,337,480	June 29, 1982	Bourassin et al.	358/93	Feb. 8, 1990
	4,337,483	June 29, 1982	Guillou	358/114	Jan. 31, 1980
	4,338,628	July 6, 1982	Payne et al.	358/120	Dec. 19, 1979
	4,339,798	July 13, 1982	Hedges et al.	364/412	Dec. 17, 1979
	4,340,903	July 20, 1982	Tamura	358/10	Aug. 6, 1980
	4,347,498	Aug. 31, 1982	Lee et al.	340/825.02	Nov. 21, 1979
	4,347,532	Aug. 31, 1982	Korver	358/183	Oct. 14, 1980
	4,353,088	Oct. 5, 1982	den Toonder et al.	358/120	May 14, 1980
	4,354,201	Oct. 12, 1982	Sechet et al.	358/122	June 11, 1980
	4,355,372	Oct. 19, 1982	Johnson et al.	364/900	Dec. 24, 1980
	4,360,827	Nov. 23, 1982	Braun	358/85	June 2, 1981
	4,361,730	Nov. 30, 1982	Barber et al.	179/5 R	Aug. 29, 1980
	4,361,877	Nov. 30, 1982	Dyer et al.	364/900	Feb. 5, 1980
<i>MM</i>	4,364,081	Dec. 14, 1982	Hashimoto et al.	358/13	Apr. 16, 1981

EXAMINER <i>Melvin Marcelo</i>	DATE CONSIDERED 08-29-98
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicants John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date: May 24, 1995	Group:

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
MM	4,365,110	Dec. 21, 1982	Lee et al.	178/22.10	June 5, 1979
	4,367,548	Jan. 4, 1983	Cotten, Jr. et al.	370/3	Apr. 10, 1980
	4,367,557	Jan 4, 1983	Stern et al.	455/4	May 25, 1979
	4,375,579	Mar. 1, 1983	Davida et al.	178/22.10	Jan. 30, 1980
	4,375,651	Mar. 1, 1983	Templin et al.	358/191.1	July 27, 1981
	4,379,205	Apr. 5, 1983	Wyner	178/22.10	June 22, 1979
	4,381,522	Apr. 26, 1983	Lambert	358/86	Dec. 1, 1980
	4,383,257	May 10, 1983	Giallanza et al.	340/825.47	Dec. 12, 1980
	4,388,643	June 14, 1983	Aminetzah	358/123	Apr. 6, 1981
	4,388,645	June 14, 1983	Cox et al.	358/147	Apr. 13, 1981
	4,389,671	June 21, 1983	Posner et al.	358/124	Sept. 29, 1980
	4,390,898	June 28, 1983	Bond et al.	358/119	Mar. 23, 1981
	4,390,901	June 28, 1983	Keiser	358/147	Oct. 16, 1980
	4,390,904	June 28, 1983	Johnston et al.	358/335	Sep. 20, 1979
	4,394,687	July 19, 1983	Hutt et al.	358/147	Apr. 30, 1980
	4,394,691	July 19, 1983	Amano et al.	358/194.1	July 30, 1981
	4,394,762	July 19, 1983	Nabeshima	371/38	Jan. 6, 1981
	4,395,757	July 26, 1983	Bienvenu et al.	364/200	Apr. 14, 1981
	4,396,947	Aug. 2, 1983	Cheung	358/124	Mar. 26, 1980
	4,398,216	Aug. 9, 1983	Field et al.	358/121	Sept. 19, 1980
MM	4,400,587	Aug. 23, 1983	Taylor et al.	179/27D	Aug. 25, 1981

EXAMINER <i>Melvin Marcelo</i>	DATE CONSIDERED 08-25-98
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicants John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date: May 24, 1995	Group:

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
MM	4,404,589	Sept. 13, 1983	Wright, Jr.	358/86	Oct. 21, 1980
	4,405,942	Sept. 20, 1983	Block et al.	358/119	Mar. 3, 1982***
	4,410,917	Oct. 18, 1983	Newdoll et al.	360/15	Sept. 14, 1981
	4,413,339	Nov. 1, 1983	Riggle et al.	371/38	June 24, 1981
	4,422,105	Dec. 20, 1983	Rodesch et al.	358/903	Sep. 30, 1980
	4,424,532	Jan. 3, 1984	den Toonder et al.	358/120	May 9, 1983***
	4,425,581	Jan. 10, 1984	Scweppe et al.	358/148	Apr. 17, 1981
	4,430,731	Feb. 7, 1984	Gimple et al.	370/30	Apr. 29, 1981
	4,433,207	Feb. 21, 1984	Best	178/22.09	Sept. 10, 1981
	4,434,323	Feb. 28, 1984	Levine et al.	178/22.17	June 29, 1981
	4,434,436	Feb. 28, 1984	Kleykamp et al.	358/118	July 13, 1981
	4,434,464	Feb. 28, 1984	Suzuki et al.	364/200	Mar. 31, 1981
	4,446,519	May 1, 1984	Thomas	364/200	May 26, 1981
	4,449,247	May 15, 1984	Waschka, Jr.	455/9	Jul. 30, 1980
	4,451,701	May 29, 1984	Bendig	179/2 TV	Oct. 11, 1983***
	4,467,139	Aug. 21, 1984	Mollier	178/22.08	Mar. 12, 1981
	4,467,356	Aug. 21, 1984	McCoy	358/146	Sept. 24, 1981
	4,471,163	Sept. 11, 1984	Donald et al.	178/22.08	Oct. 5, 1981
	4,471,164	Sept. 11, 1984	Henry	178/22.11	Oct. 13, 1981
	4,475,123	Oct. 2, 1984	Dumbauld et al.	358/114	Apr. 2, 1981
MM	4,488,179	Dec. 11, 1984	Krüger et al.	358/181	Sept. 23, 1981

EXAMINER <i>Melvin Marcelo</i>	DATE CONSIDERED <i>08-25-98</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicants John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date: May 24, 1995	Group:

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
mm	4,491,983	Jan. 1, 1985	Pinnow et al.	455/612	Apr. 29, 1982***
	4,513,174	Apr. 23, 1985	Herman	178/22.08	Mar. 19, 1981
	4,528,588	July 9, 1985	Löfberg	358/122	Sept. 25, 1981
	4,528,589	July 9, 1985	Block et al	358/122	Feb. 1, 1984***
	4,536,791	Aug. 20, 1985	Campbell et al.	358/122	Mar. 31, 1981
	4,593,353	June 3, 1986	Pickholtz	364/200	Oct. 26, 1981
	4,598,288	July 1, 1986	Yarbrough et al.	340/825.34	Dec.20, 1983***
	4,689,661	Aug. 25, 1987	Barbieri et al.	358/12	June 22, 1981
	4,752,834	June 21, 1988	Koombes	358/335	Aug. 31, 1981
	4,862,268	Aug. 29, 1989	Campbell et al.	358/141	Apr. 18, 1985***
mm	Re. 31,735	Nov. 13, 1984	Davidson	358/124	July 26, 1982***

* - If pertinent

*** - Claims priority from parent application filed prior to Nov. 3, 1981

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION	
					YES	NO
mm	WO 81/02961	Oct. 15, 1981	PCT Application	H04N 7/16, 7/04	n/a	
mm	1 554 411	Oct. 17, 1979	Great Britain	H04b 3/54		X
mm	2 034 995	June 11, 1980	Great Britain	H03J 7/18, 5/00		X
mm	23 38 380	Feb. 13, 1975	Germany		abstract	X

EXAMINER <i>melvin Marcelo</i>	DATE CONSIDERED 08-25-98
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicants John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date: May 24, 1995	Group:

mm	29 18 846	Nov. 13, 1980	Germany	F26B 12/02	X	
mm	56-47179	Apr. 28, 1981	Japan		X	

OTHER DOCUMENTS

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
mm	James, A., "ORACLE - Broadcasting the Written Word," <u>Wireless Word</u> , July 1975.
	Carne, E. Bryan, "The Wired Household," <u>IEEE Spectrum</u> , October 1979, p. 61-66.
	McKenzie, G.A., "ORACLE - An Information Broadcasting Service Using Data Transmission in the Vertical Interval," <u>Journal of the SMPTE</u> , vol. 83, Number 1, January 1974, pp. 6-10.
	Edwardson, S.M., "CEEFAQ: A Proposed New Broadcasting Service," <u>Journal of the SMPTE</u> , January 1974, p. 14-19.
	J. Chiddix, "Automated Videotape Delay of Satellite Transmissions," <u>Satellite Communications Magazine</u> , May 1978 (reprint - 2 pages).
	J. Chiddix, "Tape Speed Errors in Line-Locked Videocassette Machines For CATV Applications," <u>TVC</u> , November 1977 (reprint - 2 pages).
	CRC Electronics, Inc. Product Description, "Model TD-100 - Time Delay Videotape Controller," 2 pages.
	CRC Electronics, Inc., NET PRICE LIST - March 1, 1980 (TD-100 Time Delay Videotape Controller), 1 page.
	CRC Electronics, Inc. Product Description, "Model P-1000 Videocassette Programmer," 4 pages.
	CRC Electronics, Inc., NET PRICE LIST - July 31, 1981 (P-1000 Video Machine Programmer), 1 page.
	Tunmann, E.O. et al. (Tele-Engineering Corp.), "Microprocessor For CATV Systems," <u>Cable 78 - Technical Papers</u> , National Cable Television Association 27th Annual Convention, New Orleans, LA, April 30-May 3, 1978 ("Cable 78"), pp. 70-75.
	Vega, Richard L. (Telecommunications Systems, Inc.), "From Satellite to Earth Station to Studio to S-T-L To MDS Transmitter To The Home; Pay Television Comes To Anchorage, Alaska," <u>Cable 78</u> , pp. 76-80.
mm	Wright, James B. et al. (Rockford Cablevision, Inc.), "The Rockford Two-Way Cable Project: Existing and Projected

EXAMINER Melvin Marcelo	DATE CONSIDERED 08-25-98
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicants John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date: May 24, 1995	Group:

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
mm	Technology," <u>Cable 78</u> , pp. 20-28.
	Fannetti, John D. et al. (City of Syracuse), "The Urban Market: Paving the Way for Two-Way Telecommunications," <u>Cable 78</u> , pp. 29-33.
	Schnee Rolf M. et al. (Heinrich-Hertz-Institut Berlin (West)), "Technical Aspects of Two-Way CATV Systems in Germany," <u>Cable 78</u> , pp. 34-41.
	Dickinson, Robert V.C. (E-Com Corporation), "A Versatile, Low Cost System for Implementing CATV Auxiliary Services," <u>Visions '79 - Technical Papers</u> , National Cable Television Association 28th Annual Convention, Las Vegas, NV, May 20-23, 1979, (" <u>Visions '79</u> "), pp. 65-72.
	Evans, William E. et al. (Manitoba Telephone System), "An Intercity Coaxial Cable Electronic Highway," <u>Visions '79</u> , pp. 73-79.
	Schrock, Clifford B. (C.B. Schrock and Associates, Inc.), "Pay Per View, Security, and Energy Controls Via Cable: The Rippling River Project," <u>Visions '79</u> , pp. 80-85.
	Southworth, Glen (Colorado Video, Inc.), "Narrow-Band Video: The UPI 'Newstime' Technology," <u>Visions '79</u> , pp. 86-88.
	Daly IV, Raymond E. (Computer Cablevision, Inc.), "Potential Use of Microcomputers - The Threats to Technical Personnel, Manufacturers And Owners," <u>Visions '79</u> , pp. 124-26.
	Grabenstein, James B. (Potomac Valley Television Co., Inc.), "System Design and Operation with 'Basic'," <u>Visions '79</u> (Appendix B), p. 127.
	Amell, Richard L. (Cox Cable Communications, Inc.), "Computer-Aided CATV System Design," <u>Visions '79</u> , pp. 128-33.
	Yoshino, Hirokazu et al. (Matsushita Electric Industrial Co., Ltd.), "Multi-Information System Using Fiber Optics," <u>Visions '79</u> , pp. 134-137.
	Albright, Thomas G. (Printer Terminal Communications Corporation), "Cable Service: A Data Distribution Link," <u>Visions of the 80's - Technical Papers</u> , National Cable Television Association 29th Annual Convention, Dallas, TX, May 18-21, 1980 (" <u>Visions of the 80's</u> "), pp. 30-34.
	Blineau, Joseph J. (Centre Commun d'Études de Télévision et Télécommunications), "Measuring Methods and Equipments for Data Packet Broadcasting," <u>Visions of the 80's</u> , pp. 35-39.
mm	Katz, Harold W. (Interactive Systems/3M), "Status Report on EIA Broadband Modem Standards," <u>Visions of the 80's</u> , pp. 40-44.

EXAMINER <i>Melvin Marcelo</i>	DATE CONSIDERED <i>08-25-98</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicants John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date: May 24, 1995	Group:

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
mm	Lopinto, John J. (Home Box Office), "Considerations for Implementing Teletext in the Cable System," <u>Visions of the 80's</u> , pp. 45-48.
	O'Brien, Jr., Thomas E. (General Instrument Corporation), "System Design Criteria of Addressable Terminals Optimized for the CATV Operator," <u>Visions of the 80's</u> , pp. 89-91.
	Ost, Clarence S. et al. (Electronic Mechanical Products Co.), "High-Security Cable Television Access System," <u>Visions of the 80's</u> , pp. 92-94.
	Bacon, John C. (Scientific-Atlanta, Inc.), "Is Scrambling the Only Way?," <u>Visions of the 80's</u> , pp. 95-98.
	Davis, Allen (Home Box Office), "Satellite Security," <u>Visions of the 80's</u> , pp. 99-100.
	Mannino, Joseph A. (Applied Date Research, Inc.), "Computer Applications in Cable Television," <u>Visions of the 80's</u> , pp. 116-17.
	Beck, Ann et al. (Manhattan Cable TV), "An Automated Programming Control System for Cable TV," <u>Visions of the 80's</u> , pp. 122-27.
	Schloss, Robert E. et al. (Omega Communications, Inc.), "Controlling Cable TV Head Ends and Generating Messages by Means of a Micro Computer," <u>Visions of the 80's</u> , pp. 136-38.
	Eissler, Charles O. (Oak Communications, Inc.), "Addressable Control," <u>Cable: '81 The Future of Communications - Technical Papers</u> , National Cable Television Association 30th Annual Convention, Los Angeles, CA, May 29-June 1, 1981 (" <u>Cable: '81</u> "), pp. 29-33.
	Schoeneberger, Carl F. (TOCOM, Inc.), "Addressable Terminal Control Using the Vertical Interval," <u>Cable: '81</u> , pp. 34-40.
	Stern, Joseph L. (Stern Telecommunications Corporation), "Addressable Taps," <u>Cable: '81</u> , p. 41.
	Brown, Larry C. (Pioneer Communications of America), "Addressable Control - A Big First Step Toward the Marriage of Computer, Cable, and Consumer," <u>Cable: '81</u> , pp. 42-46.
	Grabowski, Ralph E. (VISIONtec), "The Link Between the Computer and Television," <u>Cable: '81</u> , pp. 99-100.
	Ciciora, Ph.D., W.S. (Zenith Radio Corporation), "VIRTEXT & VIRDATA: Adventures in Vertical Interval Signaling," <u>Cable: '81</u> , pp. 101-04.
mm	Gilbert, Bill et al. (TEXSCAN Corporation), "Automatic Status Monitoring for a CATV Plant,"

EXAMINER Melvin Marcelo	DATE CONSIDERED 08-25-98
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicants John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date: May 24, 1995	Group:

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
<i>mm</i>	Cable: '81, pp. 124-28.
	Ciciora, Walter et al., "An Introduction to Teletext and Viewdata with Comments on Compatibility," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-25, No. 3, July 1979 ("Consumer Electronics"), pp. 235-45.
	Tanton, N.E. "UK Teletext - Evolution And Potential," <u>Consumer Electronics</u> , pp. 246-50.
	Bright, Roy D., "Prestel - The World's First Public Viewdata Service," <u>Consumer Electronics</u> , pp. 251-55.
	Bown, H.G. et al., "Telidon: A New Approach to Videotex System Design," <u>Consumer Electronics</u> , pp. 256-68.
	Chitnis, A.M. et al., "Videotex Services: Network and Terminal Alternatives," <u>Consumer Electronics</u> , pp. 269-78.
	Hedger, J. "Telesoftware: Home Computing Via Broadcast Teletext," <u>Consumer Electronics</u> , pp. 279-87.
	Crowther, G.O., "Teletext and Viewdata Systems and Their Possible Extension to Europe and USA," <u>Consumer Electronics</u> , pp. 288-94.
	Gross, William S., "Info-Text, Newspaper of the Future," <u>Consumer Electronics</u> , pp. 295-97.
	Robinson, Gary et al., "'Touch-Tone' Teletext - A Combined Teletext-Viewdata System," <u>Consumer Electronics</u> , pp. 298-303.
	O'Connor, Robert A., "Teletext Field Tests," <u>Consumer Electronics</u> , pp. 304-10.
	Blank, John, "System and Hardware Considerations of Home Terminals With Telephone Computer Access," <u>Consumer Electronics</u> , pp. 311-17.
	Plummer, Robert P. et al., "4004 Futures for Teletext and Videotex in the U.S.," <u>Consumer Electronics</u> , pp. 318-26.
	Marti, B. et al., "The Antiope Videotex System," <u>Consumer Electronics</u> , pp. 327-33.
	Frandon, P. et al., "Antiope LSI," <u>Consumer Electronics</u> , pp. 334-38.
<i>mm</i>	Crowther, G.O., "Teletext and Viewdata Costs As Applied to the U.S. Market," <u>Consumer Electronics</u> , pp. 339-44.

EXAMINER <i>Malvin Marcelo</i>	DATE CONSIDERED <i>08-29-98</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicants John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date: May 24, 1995	Group:

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
mm	Mothersole, Peter L., "Teletext Signal Generation Equipment and Systems," <u>Consumer Electronics</u> , pp. 345-52.
	Harden, Brian, "Teletext/Viewdata LSI," <u>Consumer Electronics</u> , pp. 353-58.
	Swanson, E. et al., "An Integrated Serial to Parallel Converter for Teletext Application," <u>Consumer Electronics</u> , pp. 359-61.
	Neal, C. Bailey et al., "A Frequency-Domain Interpretation of Echoes and Their Effect on Teletext Data Reception," <u>Consumer Electronics</u> , pp. 362-77.
	Goyal, Shri K. et al., "Reception of Teletext Under Multipath Conditions," <u>Consumer Electronics</u> , pp. 378-92.
	Prosser, Howard F., "Set Top Adapter Considerations for Teletext," <u>Consumer Electronics</u> , pp. 393-99.
	Suzuki, Tadahiko et al., "Television Receiver Design Aspects for Employing Teletext LSI," <u>Consumer Electronics</u> , pp. 400-05.
	Baer, Ralph H., "Tele-Briefs-A Novel User-Selectable Real Time News Headline Service for Cable TV," <u>Consumer Electronics</u> , pp. 406-08.
	Sherry, L.A., "Teletext Field Trials in the United Kingdom," <u>Consumer Electronics</u> , pp. 409-23.
	Clifford, Colin, "A Universal Controller for Text Display Systems," <u>Consumer Electronics</u> , pp. 424-429.
	Barlow, "The Design of an Automatic Machine Assignment System", <u>Journal of the SMPTE</u> , July 1975, Vol. 84, p. 532-537.
	Barlow, "The Automation of Large Program Routing Switchers", <u>SMPTE Journal</u> , July 1979, Vol. 88, p. 493-497.
	Barlow, "The Computer Control of Multiple-Bus Switchers", <u>SMPTE Journal</u> , September 1976, Vol. 85, p. 720-723.
	Barlow, "The Assurance of Reliability", <u>SMPTE Journal</u> , February 1976, Vol. 85, p. 73-75.
	Barlow, "Some Features of Computer-Controlled Television Station Switchers", <u>Journal of the SMPTE</u> , March 1972, Vol. 81, p. 179-183.
mm	Barlow et al., "A Universal Software for Automatic Switchers", <u>SMPTE Journal</u> , October 1978, Vol. 87, p. 682-683.

EXAMINER Melvin Marcelo	DATE CONSIDERED 08-25-98
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicants John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date: May 24, 1995	Group:

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
mm	Butler, "PCM-Multiplexed Audio in a Large Audio Routing Switcher", <u>SMPTE Journal</u> , November 1976, Vol. 85, p. 875-877.
	Dickson et al., "An Automated Network Center", <u>Journal of the SMPTE</u> , July 1975, Vol. 84, p. 529-532.
	Edmondson et al., "NBC Switching Central", <u>SMPTE Journal</u> , October 1976, Vol. 85, p. 795-805.
	Flemming, "NBC Television Central - An Overview", <u>SMPTE Journal</u> , October 1976, Vol. 85, p. 792-795.
	Horowitz, "CBS" New-Technology Station, WBBM-TV", <u>SMPTE Journal</u> , March 1978, Vol. 87, p. 141-146
	Krochmal et al., "Television Transmission Audio Facilities at NBC New York", <u>SMPTE Journal</u> , October 1976, Vol. 85, p. 814-816.
	Kubota et al., "The Videomelter", <u>SMPTE Journal</u> , November 1978, Vol. 87, p. 753-754.
	Mausler, "Video Transmission Video Facilities at NBC New York", <u>SMPTE Journal</u> , October 1976, Vol. 85, p. 811-814.
	Negri, "Hardware Interface Considerations for a Multi-Channel Television Automation System", <u>SMPTE Journal</u> , November 1976, Vol. 85, p. 869-872.
	Paganuzzi, "Communication in NBC Television Central", <u>SMPTE Journal</u> , November 1976, Vol. 85, p. 866-869.
	Roth et al., "Functional Capabilities of a Computer Control System for Television Switching", <u>SMPTE Journal</u> , October 1976, Vol. 85, p. 806-811.
	Rourke, "Television Studio Design - Signal Routing and Measurement", <u>SMPTE Journal</u> , September 1979, Vol. 88, p. 607-609.
	Yanney, Sixty-Device Remote-Control System for NBC's Television Central Project", <u>SMPTE Journal</u> , November 1976, Vol. 85, p. 873-877.
	Young et al., "Developments in Computer-Controlled Television Switches", <u>Journal of the SMPTE</u> , August 1973, Vol. 82, p. 658-661.
	Young et al., "The Automation of Small Television Stations", <u>Journal of the SMPTE</u> , Oct. 1971, Vol. 80, p. 806-811.
	Zborowski, "Automatic Transmission Systems for Television", <u>SMPTE Journal</u> , June 1978, Vol. 87, p. 383-385.
mm	"Landmark forms cable weather news network," EDITOR & PUBLISHER, (August 8, 1981) p. 15.

EXAMINER <i>Melvin Marcelo</i>	DATE CONSIDERED 08-25-98
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicants John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date: May 24, 1995	Group:

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
mm	"Broadcast Teletext Specification," published jointly by British Broadcasting Corporation, Independent Broadcasting Authority, British Radio Equipment Manufacturers' Association (September 1976), pp. 1-24.
	"Colormax Cable captioning - 16,000,000 Subs NEED It!," Colormax Electronic Corp. (advertisement), 3 pages.
	"7609 Sat-A-Dat Decoder/Controller," Group W Satellite Communications (advertisement) 2 pages.
	"Teletext Timing Chain Circuit (SAA5020)," (August 1978), pp. 109.
	"Teletext Video Processor (SAA 5030)," Mullard (December 1979), pp. 1-9.
	"Video Text Decoder Systems (Signetics)," <u>Phillips IC Product Line Summary</u> (May 1981), pp. 15-16.
	"Teletext Acquisition and Control Circuit (SAA5040 Series)," Mullard (June 1980), pp. 1-16.
	"Asynchronous Data Transmission System Series 2100 VIDATA," Wagener Communications, Inc. (advertisement), 2 pages.
	"Zenith VIRTEXTM . . . Vertical Interval Region Text and Graphics," Zenith Radio Corporation (flyer), 7 pages.
	Anon, "Television Network Automated By Microcomputer-Controlled Channels," Computer Design, Vol. 15, no. 11, (Nov., 1976), pp. 50, 59, 62, 66 and 70.
	Kinik, et al., "A Network Control System For Television Distribution By Satellite," <u>Journal of The SMPTE</u> , Feb. 1975, vo. 84, no. 2, pp. 63-67.
	Chiddix, "Videocassette Banks Automate Delayed Satellite Programming," Aug. 1978, TV Communications, pp. 38-39.
mm	Curnal, et al., "Automating Television Operating Centers," Bell Laboratories Record, March, 1978, pp. 65 - 70.

EXAMINER <i>Melvin Marcelo</i>	DATE CONSIDERED 08-29-98
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
<i>mm</i>	2,510,046	5/30/50	Ellett, et al.	178/5.6	
	2,619,530	11/25/52	Roschke	178/5.1	
	2,892,882	6/30/59	Hughes	178/5.1	
	2,972,008	2/14/61	Ridenour, et al.	178/5.1	
	3,304,416	2/14/67	Wolf	235/92	
	3,336,437	8/15/67	Brouard, et al.	178/5.4	
	3,478,164	11/11/69	Southworth	178/6.6	
	3,576,391	4/27/71	Houghton	178/5.6	
	3,683,111	8/8/72	Southworth	178/6	
	3,726,992	4/10/73	Eguchi, et al.	178/5.6	
	3,728,480	4/17/73	Baer	178/6.8	
	3,743,767	7/3/73	Bitzer, et al.	178/5.6	
	3,875,329	4/1/75	Nagel	178/6.8	
	3,927,250	12/16/75	Rainger	178/5.6	
<i>mm</i>	3,950,607	4/13/76	Southworth, et al.	178/6	

Examiner <i>Melvin Marcelo</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
<i>MM</i>	3,961,137	6/1/76	Hutt, et al.	178/68	
	3,982,064	9/21/76	Barnaby	348/467	
	4,057,829	11/8/77	Moorehead	358/86	
	4,104,681	8/1/78	Saylor, et al.	358/141	
	4,148,066	4/3/79	Saylor	358/127	
	4,175,267	11/20/79	Tachi	358/4	
	4,199,656	4/22/80	Saylor	178/66.1	
	4,290,062	9/15/81	Marti, et al.	340/721	
	4,303,940	12/1/81	Ciciora	358/142	
	4,303,941	12/1/81	Marti, et al.	358/147	
	4,333,109	6/1/82	Ciciora	358/147	
	4,335,402	6/15/82	Holmes	358/147	
	4,347,618	8/31/82	Kavouras, et al.	375/37	
	4,352,011	9/28/82	Guillou	235/375	
<i>MM</i>	4,367,488	1/4/83	Leventer, et al.	358/147	

Examiner <i>Melvin Marcelo</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
MM	4,388,639	6/14/83	Cox, et al.	358/27	
	4,393,376	7/12/83	Thomas	340/717	
	4,393,404	7/12/83	Cox, et al.	358/147	
	4,400,717	8/23/83	Southworth, et al.	358/13	
	4,439,761	3/27/84	Fleming, et al.	345/189	
	4,449,145	5/15/84	Ciciora	358/147	
	4,458,268	7/3/84	Ciciora	358/120	
	4,520,392	5/28/85	Cox et al.	358/147	
MM	4,734,907	3/29/88	Turner	370/60	9/6/85

*- If pertinent

***- Claims priority from parent application filed prior to Sep. 11, 1987.

Examiner <i>Melvin Marcelo</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country	Class / Subclass	Translation	
					Yes	No
mm	WO 85/03604	8/15/85	PCT Application	H03K 3/84		X
mm	0 132 007	1/23/85	European Patent Office	H04N 7/16		X
mm	2 033 699	5/21/80	Great Britain	H04L 1/10, 1/40		X
mm	2 058 681	6/15/72	Germany	H04N 7/08	X	
mm	2 141 897	5/9/84	Great Britain	H04N 7/16		X

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Powell, C., "Prestel: The Opportunity For Advertising," <u>Viewdata & Videotext, 1980-81 A Worldwide Report/Transcript of Viewdata '80 First World Conference On Viewdata, Videotex, and Teletext</u> , March 26-28, 1980, pp. 233-246.

Examiner mm	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Reuters, "TRANSMISSION PROTOCOL FOR REUTERS NEWS-VIEW," Aug. 1978, 2 pages.
	Bright, R., "The Telematique Programme in France," <u>Viewdata & Videotext, 1980-81 A Worldwide Report/Transcript of Viewdata '80 First World Conference On Viewdata, Videotext, and Teletext</u> , March 26-28, 1980, pp. 19-24.
	Barlund, O., et al., "TELSET, the Finnish Viewdata System," <u>Viewdata & Videotext, 1980-81 A Worldwide Report/Transcript of Viewdata '80 First World Conference On Viewdata, Videotext, and Teletext</u> , March 26-28, 1980, pp. 139-148.
	Hutt, P., "ORACLE-A Fourth Dimension in Broadcasting," <u>IBM Technical Review</u> , September 1976/9 Digital Television Developments, pp. 3-9.
	Hutt, P., "A System of Data Transmission in the Field Blanking Period of the Television Signal," <u>IBA Technical Review</u> , June 1973, Digital Television, pp. 37-44.
	Allora-Abbondi, G., "Transmission System Evaluation for Two-Way Cable," <u>IEEE Transactions on Cable Television</u> , Vol. CATV-4, No. 3, July 1979, pp. 111-118.
	Chorafas, D., "Interactive Videotext - The Domesticated Computer," 1981, pp. 171-183 & preface.
	Baer, R., "Innovative Add-On TV Products," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-25, November 1979, pp. 765-771.
mm	Henderson, Jr., D., et al., "Issues in Message Technology," Proceedings, Fifth Data Communications Symposium, September 27-29, 1977, pp. 6-1 - 6-9.

Examiner <i>Mylin Marcelo</i>	Date Considered <i>08-29-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
MM	Schmodel, S., "TV Systems Enabling Viewers to Call Up Printed Data Catch Eye of Media Firms," newspaper article, <u>The Wall Street Journal</u> , Tuesday, July 24, 1979, p. 46.
	Braden, R., "A Server Host System on the ARPANET," Proceedings, Fifth Data Communications Symposium, September 27-29, 1977, p. 4-1 - 4-9.
	Proceedings, Fifth Data Communications Symposium, September 27-29, 1977, Table of Contents.
	Greenberg, B., et al., "VIMACS - A Vertical Interval Machine Control System," pp. 146-152.
	Dynamic Technology Limited, Vimacs, Machine Control and Data Transmission Systems, product description, 6 pages.
	Online Conference On Videotex, Viewdata, and Teletext, Conference Transcription, Table of Contents, 1980.
	Viewdata 81, the second World Conference on viewdata, videotex and teletext, Table of Contents for written papers presented at the Conference, October, 1981.
	Anderson, T., "The Vertical Interval: A General-Purpose Transmission Path," <u>IEEE Transactions On Broadcasting</u> , Vol. BC-17, No. 3, September 1971, pp. 77-82.
	"LSI circuits for teletext and viewdata, THE LUCY GENERATION," Mullard, Technical Publication M81-0001, June 1981.
MM	Hedger, J., et al., "Telesoftware - Value Added Teletext," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-26, August 1980, pp. 555-566.

Examiner Melvin Marcelo	Date Considered 08-29-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
MM	Hedger, J., "Telesoftware: Using Teletext to Support a Home Computer," September 1978, pp. 273-276.
	Zenith, "VIRTEXT SYSTEM, VI.6, Hardware and Software Reference Manual," Zenith Radio Corporation, April 1981.
	Hedger, J., "Broadcast Telesoftware: Experience with ORACLE," 1980, pp. 413-429.
	Aston, M.H., "Viewdata-Implications for Education," 1980, pp. 467-476.
	de Weger, M., "VIRDATA DECODER V-2," circuit diagram, Jul. 1, 1981, 1 page.
	"VIRTEXT," circuit diagram, 1980, 1 page.
	"UK TELETEXT AND VIDEOTEX - The world's first established electronic information services available to the public," ORACLE - Ceefax, 12 pages.
	Lucas, K., "The Numerical Basis for ORACLE Transmission," <u>IBA Technical Review</u> , Vol. 9, September 1976, Digital Television Developments, pp. 10-16.
	Green, N., et al, "ORACLE on Independent Television," <u>IBA Technical Review</u> , Vol. 9, September 1976, Digital Television Developments, pp. 18-31.
	Green, N.W., "Computer Aided Programme Presentation," <u>IBA Technical Review</u> , Vol. 1, September 1972, pp. 55-64.
MM	Chambers, J. P., "Enhanced UK Teletext Moves Towards Still Pictures," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-26, August 1980, pp. 527-554.

Examiner <i>Melvin Marcelo</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
Wm	Crowther, G.O., "Dynamically Redefinable Character Sets - D.R.C.S.," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-26, November 1980, pp. 707-716.
	Kaplinsky, C. H., "The D ² B a One Logical Wire Bus for Consumer Applications," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-27, February 1981, pp. 102-109.
	Vivian, R. H., et al., "Telesoftware Makes Broadcast Teletext Interactive," pp. 277-280.
	Numaguchi, Y., et al., "Experimental Studies of Transmission Bit-Rate for Teletext Signal in the 525-Lane Television System," <u>IEEE Transactions on Broadcasting</u> , Vol. BC-25, December 1979, pp. 137-142.
	Arnold, W. F., "Britons Mull 'Magazine' Via TV," <u>Electronics</u> , February 5, 1976, pp. 68-69.
	"Telesoftware," <u>Systems International</u> , June 1980, p. 43.
	Baldwin, J. L. E., et al., "A Standards Converter Using Digital Techniques," <u>IBA Technical Review</u> , Vol. 3, June 1973, Digital Television, pp. 15-35.
	Hawker, P., "An Introduction to Integrated Circuits and Digital Electronics," <u>IBA Technical Review</u> , Vol. 3, June 1973, Digital Television, pp. 5-13.
	Baldwin, J. L. E., "The Digital Future of Television Studio Centres," <u>IBA Technical Review</u> , Vol. 3, June 1973, Digital Television, pp. 45-51.
mm	Bown, H. G., et al., "Comparative Terminal Realizations with Alpha-Geometric Coding," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-26, August 1980, pp. 605-614.

Examiner <i>Melvin Marcelo</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Hanas, O. J., et al., "An Addressable Satellite Encryption System for Preventing Signal Piracy," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-27, November 1981, pp. 631-635.
	Breeze, E. G., "Television Line 21 Encoded Information and Its Impact on Receiver Design," August 20, 1972, pp. 234-237.
	Lentz, J., et al., "Television Captioning for the Deaf Signal and Display Specifications," Report No.: E-7709-C, PBS Engineering and Technical Operations, May 1980.
	"Pulses on a Television Signal Control Stations in Network," <u>Electronics</u> , February 6, 1967, pp. 101-102.
	"Demonstration of the Principle of Data Transmission in the Vertical Interval of the Television Video Waveform," October 22, 1968, 4 pages.
	King, P. T., "A Novel TV Add-On Data Communication System," 5 pages.
	Pierce, W. D., et al., "A Low Cost Terminal for the 1980's: Project Green Thumb," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-26, August 1980, pp. 487-495.
	"CBS/CCETT North American Broadcast Teletext Specification," (Extended Antiope), May 20, 1981.
	Baer, W. S., "Interactive Television: Prospects for Two-Way Services on Cable," Rand Corporation, November 1971, pp. 1-88.
mm	Noirel, Y, et al., "Architecture of the French LSI Set for Antiope Teletext Decoders," pp. 134-144.

Examiner <i>Melvin Marcelo</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
MM	Beakhusht, D. J., et al., "Teletext and Viewdata - A Comprehensive Component Solution," <u>Proceedings, IEEE</u> , Vol. 126, December 1979, pp. 1374-1396.
	Money, S. A., et al., "Teletext Decoder Update - Part 1," <u>Television</u> , June 1979, pp. 407-409.
	Money, S. A., et al., "Teletext Decoder Update - Part 2," <u>Television</u> , June 1979, pp. 479-481.
	Money, S.A., et al., "Teletext Decoder Update - Part 3," <u>Television</u> , August 1979, pp. 538-541.
	Peters, H., "Teletext the Philips Way," <u>Television</u> , April 1980, pp. 298-301.
	Crowther, G. O., "Teletext and Viewdata Systems and Their Possible Extension to the USA," <u>Proceedings, IEE</u> , Vol. 126, No. 12, December 1979, pp. 1417-1424.
	Shortland, D., "Teletext with Infra-Red Remote Control," <u>Practical Electronics</u> , August 1980, pp. 39-44.
	Mokhoff, N., "Consumer Electronics," <u>Technology '80</u> , pp. 64-68.
	Government of Canada, Department of Communications, "Broadcast Specification: Television Broadcast Videotex," June 19, 1981.
MM	Insam, E., et al., "An Integrated Teletext and Viewdata Receiver," <u>The SERT Journal</u> , Vol. 11, October 1977, pp. 210-213.

Examiner <i>Melvin Marcelo</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Thomas, H. B., et al., "Methods of Designing and Evaluating Videotex," <u>Online: A Transcript of the Online Conference on Videotex, Videodata and Teletext</u> , 1980, pp. 203-216.
	Wright, J. B., et al., "An Evolutionary Approach to the Development of Two-Way Cable Technology Communication," <u>IEEE Transactions on Cable Television</u> , Vol. CATV-2, No. 1, January 1977, pp. 52-61.
	Fedida, S., et al., "Viewdata - The Post Office's Textual Information and Communications System," <u>Wireless World</u> , February 1977, pp. 32-35.
	Fedida, S., et al., <u>Videodata Revolution</u> , Halsted Press, New York, 1979, pp. 1-31 and 170-183.
	Clarke, K. E., "The Application of Picture Coding Techniques to Viewdata," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-26, August 1980, pp. 568-577.
	Blatt, J. et al., "The Promise of Teletext for Hearing Impaired Audiences," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-26, November 1980, pp. 717-722.
	Rupp, C. R., "A Stand-Alone CAI System Based on Procedural Grammars," <u>EASCON '76 Record</u> , September 1976, pp. 1153-A through 1153-Z.
	Vezza, A., et al., "An Electronic Message System: Where Does It Fit?," <u>Trends and Applications 1976: Computer Networks</u> , November 17, 1976, pp. 89-97.
	Myer, T. H., et al., "Message Technology in the Arpanet," <u>NTIC '77</u> , 21: 2-1 through 2-8.
mm	Kuo, F. F., "Message Services in Computer Networks," <u>Interlinking of Computer Networks</u> , Reidel Publishing Co., 1978, pp. 387-395.

Examiner Melvin Marcelo	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Hagan, R., "Interworking Between Different Text Communication Services and Between Different Text Communication Networks," <u>NTC 1980 - Conference Record</u> , November 1980, pp. 28.5.1-28.5.6.
	Rinde, J., "Packet Network Access in Electronic Mail System," <u>NTC 1980 - Conference Record</u> , November 1980, pp. 60.4.1-60.4.4.
	Wendlinger, F., et al., "Systems for Corporate Text Communication," <u>NTC 1980 - Conference Record</u> , November 1980, pp. 65.5.1-65.5.4.
	Naffah, N., "Communication Protocols for Integrated Office Systems," <u>Computer Networks</u> , Vol. 5, No. 6, 1981, pp. 445-454.
	Treves, S.R., et al., "Text, Image, and Data Integration In a Distributed Control Digital Voice Switching System," <u>ISS '81</u> , September 1981.
	Wiest, G., et al., "An Integrated Service Broadband Network for Voice, Text, Data and Video," <u>ISS '81</u> , September 1981.
	Dickson, E.M. et al., <u>The Video Telephone</u> , Praeger Publishers, 1973, pp. v. and 9-78.
	Rayner, B., "The Application of Switcher-Intelligent Interfaces to Video Tape Editing," <u>SMPTE Journal</u> , Vol. 88, October 1979, pp. 715-717.
	Everton, J.K., "A Hierarchical Basis for Encryption Key Management in a Computer Communications Network," <u>Conference Record - 1978 International Conference on Communications</u> , Vol. 3, pp. 46.4.1 through 46.4.7.
mm	Davies, D.W., et al., <u>Computer Networks and Their Protocols</u> , John Wiley & Sons, 1979, pp. v-xiii and 390-417.

Examiner <i>Melvin Marcelo</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Popek, G.J., et al., "Encryption and Secure Computer Networks, <u>Computing Surveys</u> , Vol. 11, No. 4, December 1979, pp. 331-356.
	Everton, J.K., "Adaptation of the Basic Hierarchy for Encryption Key Management to Serve Applications with Conflicting Requirements," <u>Proceedings</u> , Computer Networking Symposium, December 1979, pp. 186-191.
	Nelson, J., "Implementations of Encryption in an 'Open Systems' Architecture," <u>Proceedings</u> , Computer Networking Symposium, December 1979, pp. 198-205.
	Lyons, R.E., "A Total AUTODIN System Architecture," <u>IEEE Transactions on Communications</u> , Vol. Com-28, No. 9, September 1980, pp. 1467-1471.
	Powers, S., et al., "Memo: An Application of Secret Key Cryptography and Public Key Distribution," <u>CompSac '80</u> , October 1980, pp. 821-827.
	Allgaier, G.R., et al., "Navy Command and Control (c ²) Using Local Networks," <u>NTC 1980 - CONFERENCE RECORD</u> , November 1980, Vol. 1, pp. 41.3.1 through 41.3.5.
	Kowalchuk, J., et al., "Communications Privacy: Integration of Public and Secret Key Cryptography." <u>NTC 1980 - CONFERENCE RECORD</u> , November 1980, pp. 49.1.1 through 49.1.5.
	Denning, D.E., et al., "Timestamps In Key Distribution Protocols," <u>Communications of the ACM</u> , Vol. 24, No. 8, August 1981, pp. 533-536.
mm	Chambers, J.P., et al., "The Development of a Coding Hierarchy for Enhanced UK Telex." <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-27, No. 3, August 1981, pp. 536-540.

Examiner Melvin Marcelo	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Takizawa, M., et al., "Resource Integration and Data Sharing on Heterogeneous Resource Sharing System," <u>Evolutions In Computer Communications</u> , 1978, pp. 253-258.
	Smith, R.G., et al., "Considerations for Microprocessor-based Terminal Design," <u>Conference Record - 12th Asilomar Conference on Circuits, Systems and Computers</u> , November 1978, pp. 437-441.
	Mowafi, O.A., et al., "Integrated Voice/Data Packet Switching Techniques for Future Military Networks," <u>Proceedings, Computer Networking Symposium</u> , 1979, pp. 216-223.
	Day, J.D., "Terminal Protocols," <u>IEEE Transactions on Communications</u> , Vol. COM-28, No. 4, April 1980, pp. 585-593.
	Rosen, E.C., "The Updating Protocol of ARPANET's New Routing Algorithm," <u>Computer Networks</u> , Vol. 4, 1980, pp. 11-19.
	Hasuike, K., et al., "Text and Facsimile Integrated Terminal," <u>NTC 1980-Conference Record</u> , 1980, p. 60.5.1 through 60.5.5.
	Cerf, V.G., et al., "An Experimental Service for Adaptable Data Reconfiguration," <u>IEEE Transactions on Communications</u> , Vol. COM-20, No. 3, June 1972, pp. 557-564.
	Croll, R.H., et al., "A Distributed Data Acquisition and Processing System for Multiple Aerospace Test Facilities," <u>Proceedings of the 26th Int'l Instrumentation Symposium</u> , May 1980, pp. 287-295.
mm	Tsay, D.P., et al., "Design of a Robust Network Front-End for the Distributed Double-Loop Computer Network," <u>Distributed Data Acquisition, Computing, and Control Symposium</u> , December 1980, pp. 141-155.

Examiner <i>Melvin Marable</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Glorieux, A.M., et al., "Distributing a Line System into a Distributed Data Base Management System: Sirius-Delta Experience," <u>Proceedings - Computer Networking Symposium</u> , December 1980, pp. 19-25.
	Chambers, J.P., "Potential of Extended Teletext," <u>Television: Journal of the Royal Television Society</u> , September/October 1980, pp. 43-45.
	Chambers, J.P., "Teletext - The Potential of an Extended System," pp. 114-117.
	Pandey, K., "Advanced Teletext Systems," pp. 262-265.
	Hartung, R.L., et al., "Virtual I/O - An Experiment," <u>Sigmicro Newsletter</u> , Vol. 10, No. 4, December 1979, pp. 109-113.
	Daniels, J.F., "Wireless World Teletext Decoder," <u>Wireless World</u> , December 1975, pp. 563-566.
	"Microprocessor Smartens Teletext," <u>Electronics</u> , September 28, 1978, pp. 74.
	Sowter, B., "Vision of the Future," <u>International Broadcast Engineer</u> , December 1977/January 1978, pp. 13-19.
	VIMACS - Machine Control and Data Transmission System, Advertisement, 3 pages.
	O'Connor, R.A., "Current Usage of Vertical Interval Test Signals in Television Broadcasting," <u>IEEE Transactions on Consumer Electronics</u> , August 1976, pp. 220-229.
	Solomon, B., "New World of T.V. Reception," <u>Popular Electronics</u> , May 1979.
mm	Setos, A., "WASEC'S Network Operations Center," <u>Cable: '81</u> , May 1981, pp. 52-54.

Examiner <i>Melvin Marcelo</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
MM	Beakley, G.W., et al., "Cable and Earth Stations - A Business Connection," <u>Cable</u> : '81, May 1981, pp. 108-113.
	"Petition for Rulemaking of United Kingdom Teletext Industry Group," Before the Federal Communications Commission, March 26, 1981, 139 pages.
	Conte, J.J., et al., "A NOAA/National Weather Service Teletext Type Weather Experiment," November 1979.
	Vivian, R.H., "Level 4 Enhanced UK Teletext Transmits Graphics Through Efficient Alpha-Geometric Coding," <u>IBA</u> , pp. 1-6.
	Bugg, R.E.F., "Microprocessor Peripheral for Viewdata," <u>Electronic Components & Applications</u> , Vol. 3, No. 2, February 1981, pp. 2-11.
	Chambers, J.P., "Enhanced UK Teletext Moves Towards Still Pictures," BBC Research Report-BBC RD 1980/4, June 1980, pp. 1-28.
	VG Electronics - Short Form Catalogue, 4 pages.
	<u>Multitext - Technical Information 050</u> , Signetics, pp. 3-51.
	<u>Presentation Level Protocol - Videotex Standard</u> , Bell System, May 1981, pp. 1-105.
	Crozier-Cole, P.A., "Regional Operations Centres-The next Generation," pp. 7-9.
MM	Crozier-Cole, P.A., "Regional Operations Centres for the IBA UK Transmitter Network," pp. 197-204.

Examiner <i>Melvin Marcelo</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
<i>mm</i>	Lloyd, H.F., et al., "A Television-Network Switching Equipment to 625-Line Colour Standards." pp. 199-201
	Griffiths, E., "Eurovision's Technical Facilities," pp. 215-220.
	Parker, F.G., "The Impact of Digital Techniques on Studio Equipment," pp. 267-272.
	"Family Functional Specification," Norpak Limited, August 7, 1981, 14 pages.
	"Software Specification for Monitoring the Use of Teletext," Norpak Limited, November 1980, 4 pages.
	Wegner, R., "The 1980's - A New Era for the Data Display System," pp. 62-64.
	"Vidata - 2105/Interface," 9 pages.
	"Vidata - 352/BNC Connectors," Wegener Communications, Inc., 8 pages.
	Taylor, E.L., "Teletext v. Videotext: Pros and Cons and What's Really Going On," For TVC Magazine, 6 pages.
	Service Bulletin, To All CableText Customers with Zenith Virtext Decoders, November 14, 1980, 8 pages.
	Thomas, W., "Zenith Videotex/Teletext Review," 3 pages.
	Sullivan, W., "Cabletext: Into Second Year and Developing," Satellite Communications Corp., 4 pages.
<i>mm</i>	Vidata Interface Cable (Vidata 2105).

Examiner <i>Melvin Marcelo</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Gallagher, E.F., "Digital Time Division Switching for Military Communications," <u>IEEE Transactions on Communications</u> , Vol. COM-27, No. 7, July 1979, pp. 1138-1143.
	Roth, M., "Security Alert a Two-Way Digital Communications System," <u>Official Transcript - 20th Annual NCTA Convention</u> , July 1971, pp. 500-506.
	Zenith Text Products, Advertisement, 4 pages.
	Gardner, T., "Viewers Given Equal Time to Talk Back to TV Sets," August 1977.
	Campbell, S., "Step Ahead of Future TV Market," <u>The Register</u> , October 26, 1978.
	Bown, H.G., et al., "Picture Description Instructions PDI for the Telidon Videotex System," Department of Communications, Canada, November 1979, pp. 1-71.
	"An Example of Aggressive Subcarrier Loading," Table, United Video Inc.
	Livaditis, E., et al., "Optimizing Subcarriers for Satellite Transmission," <u>National Cable Television's 30th Annual Convention and Exposition</u> , May 1981, 6 pages.
	Gunn, H., et al., "A Public Broadcaster's View of Teletext in the United States."
	Fraser, J., "From 'Pots' to 'Pans' - Videotex Development in Canada," <u>OnLine Conference on Viewdata Services</u> , March 1980, pp. 1-10.
	Parkhill, D.F., "An Overview of the Canadian Scene," <u>Viewdata '80</u> , March 1980, pp. 1-12.
mm	Maguire, W.T., "Videotex and the Newspaper Business," American Newspaper Publishers Association.

Examiner <i>Melvin Marcello</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Wilson, L.G., "Vista: Leading to the Successful Implementation of Videotex in Canada," <u>OnLine Conference On Viewdata Services</u> , March 1980.
	Guillermín, J., "Development & Applications of the Antiope-Didon Technology," <u>Viewdata '80</u> , March 1980, pp. 29-38.
	Haimes, A.R., "IVS-3 as a Private Viewdata System," <u>Viewdata '80</u> , March 1980, pp. 323-336.
	Haslam, G., "Information Provider Activities in Canada," <u>Viewdata '80</u> , March 1980, pp. 1-6.
	Heys, E.A., et al., "STC's Approach to In-House Viewdata Systems, <u>Viewdata '80</u> , March 1980, pp. 313-322.
	Inoue, R., "The Index System of the CAPTAIN System Experimental Service," <u>Viewdata '80</u> , March 1980, pp. 113-122.
	Kumamoto, T., et al., "CAPTAIN System Features - Presentation Capability and Transmission Method," <u>Viewdata '80</u> , March 1980, pp. 93-105.
	Kurushima, N., "The Cooperative Association of CAPTAIN Information Providers and Present State of Information Supply for the Experimental Service," <u>Viewdata '80</u> , March 1980, pp. 123-132.
	Marti, B., "Broadcast Text Information in France," <u>Viewdata '80</u> , March 1980, pp. 359-370.
mm	Maury, J.P., "Plans and Projection for the Electronic Directory Service," <u>Viewdata '80</u> , March 1980, pp. 39-50.

Examiner <i>mlm Marcelo</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Messerschmid, U., "Teletext in the Federal Republic of Germany," <u>Viewdata '80</u> , March 1980, pp. 431-445.
	Montague, P.M., "The Electronic Newspaper," <u>Viewdata '80</u> , March 1980, pp. 63-71.
	Morgan, G., "Britains Teletext Services are a Commercial Success," <u>Viewdata '80</u> , March 1980, pp. 341-357.
	Park, R.F., "The Role of Viewdata in Electronic Funds Transfer," <u>Viewdata '80</u> , March 1980, pp. 185-201.
	Ruiten, P.J.G.M., "Viewdata in the Netherlands," <u>Viewdata '80</u> , March 1980, pp. 133-138.
	Sedman, E.C., "The Use of MicroCobol for Telesoftware," <u>Viewdata '80</u> , March 1980, pp. 399-411.
	Shrimpton, W., "International Business Applications of Viewdata," <u>Viewdata '80</u> , March 1980, pp. 147-158.
	Smirle, J.C., et al., "International Videotex Standardization: A Canadian View of Progress Towards the Wired World," <u>Viewdata '80</u> , March 1980, pp. 271-280.
	Smith, M.G., "Prestel - The Private System or Both?," <u>Viewdata '80</u> , March 1980, pp. 337-339.
mm	Tantawi, A.N., et al., "Workstations in the Electronic Office," <u>Viewdata '80</u> , March 1980, pp. 159-171.

Examiner melvin Marcelo	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Termens, M., "Teletel - The Planned French Videotex Service," <u>Viewdata '80</u> , March 1980, pp. 25-28.
	Troughton, P., "Prestel Operational Strategy," <u>Viewdata '80</u> , March 1980, pp. 51-62.
	Watson, K., "Prestel User Market Research," <u>Viewdata '80</u> , March 1980, pp. 281-284.
	Winsbury, R., "Prestel as a publishing medium: the elements of success or failure," <u>Viewdata '80</u> , March 1980, pp. 285-293.
	Woolfe, R., "The emerging markets for videotex," <u>Viewdata '80</u> , March 1980, pp. 217-231.
	Yasuda, K., "Conception of CAPTAIN System - Background, Experiment and Future Plans," <u>Viewdata '80</u> , March 1980, pp. 107-111.
	Zimmerman, R., "Future Utilization of Interactive and Broadcast Videotex in Germany and its Effects on Standardization," <u>Viewdata '80</u> , March 1980, pp. 263-269.
	Adams, D.M., "The Place of Viewdata in Relation to Other Communications Techniques in the Travel Industry: A Personal View," <u>Viewdata & Videotext, 1980-81: A Worldwide Report</u> , 1980, pp. 379-397.
	Barren, J., "Electronic Publishing and the Government," <u>Viewdata & Videotext, 1980-81: A Worldwide Report</u> , 1980, pp. 295-300.
mm	Berkman, S., "A Videotex Trial," <u>Viewdata & Videotext, 1980-81: A Worldwide Report</u> , 1980, pp. 447-460.

Examiner <i>Melvin Marcelo</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
MM	Bochmann, G.V., et al., "Towards Videotex Standards," <u>Viewdata & Videotext, 1980-81: A Worldwide Report</u> , 1980, pp. 253-262.
	Botten, B., "Providing Business Information to Prestel," <u>Viewdata & Videotext, 1980-81: A Worldwide Report</u> , 1980, pp. 73-81.
	Bown, H.G., et al., "Telidon Technology Development in Canada," <u>Viewdata & Videotext, 1980-81: A Worldwide Report</u> , 1980, pp. 547-558.
	Ciciora, W.S., "The Role of the Television Receiver Manufacturer in the United States," <u>Viewdata & Videotext, 1980-81: A Worldwide Report</u> , 1980 pp. 533-546.
	Bowers, P.G., et al., "Telidon and Education in Canada," <u>Viewdata & Videotext, 1980-81: A Worldwide Report</u> , 1980, pp. 7-17.
	Camrass, R., "Viewdata: A Practical Medium for Electronic Mail," <u>Viewdata & Videotext, 1980-81: A Worldwide Report</u> , 1980, pp. 173-184.
	Castell, S., "Prestel and the Law," <u>Viewdata & Videotext, 1980-81: A Worldwide Report</u> , 1980, pp. 301-312.
	Clarke, K.E., "What Kind of Pictures for Videotex?," <u>Viewdata & Videotext, 1980-81: A Worldwide Report</u> , 1980, pp. 83-92.
	Courtney, J.F., "Videotel," <u>Viewdata & Videotext, 1980-81: A Worldwide Report</u> , 1980, pp. 371-377.
MM	Davis, M., "Prestel and the Travel Industry," <u>Viewdata & Videotext, 1980-81: A Worldwide Report</u> , 1980, pp. 595-602.

Examiner <i>Melvin Marcelo</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Korda, A., "Private Viewdata Systems," <u>Viewdata & Videotext, 1980-81: A Worldwide Report</u> , 1980, pp. 515-521.
	Maslin, J.M., "An evaluation of viewdata for training in industry," <u>Viewdata & Videotext, 1980-81: A Worldwide Report</u> , 1980, pp. 523-531.
	Morioka, F.K., "An Experiment with Computer-Based Educational Services in a General Public Environment," <u>Viewdata & Videotext, 1980-81: A Worldwide Report</u> , 1980, pp. 613-623.
	Ciciora, W.S., "Twenty-Four Rows of Videotex in 525 Scan Lines," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-27, No. 4, November 1981, pp. 575-587.
	Ciciora, W.S., "Virtex & Virdata - A Present U.S. Teletext Application," <u>Videotex '81</u> , May 1981, pp. 77-84.
	Johnson, G.A., et al., "The Networking of Oracle," pp. 27-36.
	Mullard Application Laboratory, "Integrated Circuits for Receivers," pp. 43-56.
	Lambourne, A.D., "NEWFOR - An Advanced Subtitle Preparation System," pp. 57-63.
	<u>Keyfax - National Teletext Magazine</u> , Advertisement, 4 pages.
	<u>Keyfax - National Teletext Magazine</u> , Technical Bulletin, 1 page.
	<u>Keyfax</u> , Keyfax by Satellite, Advertisement, 2 pages.
mm	ORACLE, Advertisement Rate Card No. 1, September 1, 1981, 8 pages.

Examiner <i>Melvin Marcelo</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	"Multi-Level Teletext and Interactive Videotex," Operational Systems Worldwide, Information Sheets.
	"Brighton's Experience with Educational Software for Broadcast," 10 pages.
	CCITT, "Recommendation S.100 - International Information Exchange for Interactive Videotex," Geneva, 1980, pp. 165-205.
	KSL-TV-Salt Lake City, Utah, Press Release About Teletext Signal, pp. 1-7d.
	CBS/CCETT, "North America Broadcast Teletext Specification," June 22, 1981, pp. 1-240.
	Crudele, J., "TI Tests Home Information System," <u>Electronic News</u> , November 6, 1978, pp. 24-25.
	"Systems -NABTS-NAPLPS," VSA - Videographic, Advertisement, 5 pages.
	"Now," World System Teletext, Advertisement, 6 pages.
	"Context" A Complete Teletext Origination System Developed By Logica and the BBC, Advertisement," 8 pages.
	Dages, C.L., "Videotex Services via CATV - Hybrid Systems Approach," pp. 14-25.
	Rogers, B.J., "The Broadcasting Options for Data Transmission Methods in Public Service Broadcasting," pp. 1-3.
mm	Williams, D., "Oak, Micro TV in Talks for Teletext," <u>Electronic News</u> , Nov. 13, 1978, pp. 25 & 88.

Examiner <i>Malvin Marcelo</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	"U.S. TV Station to Write Viewdata Software Link," newspaper article, Jan. 22, 1979, p. 81.
	Barbetta, F., "CBS Joins EIA in Test of Foreign TV Data System," newspaper article, 1979, p. 23.
	Hershberger, S., "Form Mktg. Unit for Antiope System," newspaper article, Apr. 2, 1979, p. 27.
	Hershberger, S., "Say French in Talks on Teletext," newspaper article, May 14, 1979, p. 48.
	Kinghorn, J.R., "New Features in World System Teletext," <u>IEEE Transactions on Consumer Electronics</u> , 8/1984, Vol. CE-30, No. 3, pp. 437-440.
	"Audio Service Packages May Shed Stepchild Status," <u>CableAge</u> , 11/16/81, pp. 17, 18 & 23.
	Technical Publications Department, Mullard Limited, "525 Line NTSC Teletext Decoder Module," <u>Advanced Development Sample Information</u> , 1/1983, 8 pages.
	Crowther, G.O., "Subscription T.V., A Concept For A Multi Satellite, Multi Programme Source Environment," 4/27/87, 2 pages.
	Sillman, David, "Television Captioning for the Deaf," <u>IEEE Transactions on Consumer Electronics</u> , 5/1984, Vol. CE-30, No. 2, pp. 62-65.
mm	Institution of Electronic and Radio Engineers, "Programme and Registration Form, International Conference on 'Telesoftware,' Cavendish Conference Centre, London: 27th and 28th September 1984," 4 pages.

Examiner <i>Malvin Marcello</i>	Date Considered <i>08-25-98</i>
------------------------------------	------------------------------------

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Kruesi, William R., et al., "Residential Control Considerations," <u>IEEE Transactions on Consumer Electronics</u> , 11/1982, Vol. CE-28 No. 4, pp. 563-570.
	McKenzie, G.A., "Teletext - The First Ten Years," <u>Developments in Teletext, Independent Broadcasting Authority</u> , 5/1983, pp. 4-10.
	Vivian, R.H., "Level 4 — Teletext Graphics using Alpha-geometric Coding," <u>Developments in Teletext, Independent Broadcasting Authority</u> , 5/1983, pp. 21-26.
	Johnson, G.A., et al., "The Networking of ORACLE," <u>Developments in Teletext, Independent Broadcasting Authority</u> , 5/1983, pp. 27-36.
	Staff at the Mullard Application Laboratory, "Integrated Circuits for Receivers," <u>Developments in Teletext, Independent Broadcasting Authority</u> , 5/1983, pp. 43-56.
	Lambourne, A.D., "NEWFOR — An Advanced Subtitle Preparation System," <u>Developments in Teletext, Independent Broadcasting Authority</u> , 5/1983, pp. 57-63.
	Harris, Dr. Thomas G., et al., "Development of the MILNET," <u>Conference Record, Eascon 82</u> , 1982, pp. 77-80.
	Veith, Richard H., "Teletext (Broadcast Videotex) Begins in the United States," <u>National ONLINE Meeting Proceedings - 1982</u> , pp. 547-551.
	Beville, Hugh M. Jr., "The Audience Potential of the New Technologies: 1985-1990," <u>Journal of Advertising Research</u> , April/May 1985, pp. RC-3 - RC-10.
mm	"Draft, North American Broadcast Teletext Specification (NABTS)," <u>EIA/CVCC</u> , 9/20/83, 85 pages.

Examiner <i>Mark Marcelo</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Yamamoto, Toshiaki, et al., "An Experimental System of FM Data-Broadcasting," <u>NHK Laboratories Note</u> , 12/1983, serial no. 293, 12 pages.
	Numaguchi, Y, et al., "A Teletext System for Ideographs," <u>NHK Laboratories Note</u> , 2/1982, serial no. 271, 14 pages.
	International Telecommunications Union, "Recommendations and Reports of the CCIR, 1982," <u>XVth Plenary Assembly</u> Geneva, 1982, 393 pages.
	Murata, M., et al., "A Proposal for Standardization of Home Bus System for Home Automation," <u>IEEE Transactions on Consumer Electronics</u> , 11/83, Vol. CE-29, No. 4, pp. 524-529.
	Yamamoto, Kazuyuki, et al., "A Home Terminal System Using the Home Area Information Network," <u>IEEE Transactions on Consumer Electronics</u> , 11/83 Vol. CE-30, No. 4, pp. 608-616.
	Broadcast Teletext Telesoftware Specification, 4/1983, 31 pages.
	Lukaart, A., "Dutch Telesoftware Standard," <u>Netherlands PTT</u> , 9/1984, 24 pages.
	Rayers, D.J., "The UK Teletext Standard for Telesoftware Transmission," <u>Telesoftware, Cavendish Conference Center</u> , 9/27&28/84, IERE Publication No. 60, pp. 1-8.
	Kinghorn, J.R., "Receiving Telesoftware with CCT," <u>Telesoftware, Cavendish Conference Center</u> , 9/27&28/84, IERE Publication No. 60, pp. 9-14.
mm	Sharpless, G.T., "Telesoftware: Adding Intelligence to Video," <u>Telesoftware, Cavendish Conference Center</u> , 9/27&28/84, IERE Publication No. 60, pp. 15-19.

Examiner <i>Melvin Marcelo</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Bliveau, J., et al., "How to Execute TeleSoftware within the Terminals," <u>Telesoftware, Cavendish Conference Center</u> , 9/27&28/84, IERE Publication No. 60, pp. 21-24.
	Brown, L., "Telesoftware: Experiences of Providing a Broadcast Service," <u>Telesoftware, Cavendish Conference Center</u> , 9/27&28/84, IERE Publication No. 60, pp. 25-28.
	White, M., "Educational Telesoftware," <u>Telesoftware, Cavendish Conference Center</u> , 9/27&28/84, IERE Publication No. 60, pp. 29-33.
	Yeates, N.J., "Monitoring and Evaluation of the Telesoftware and Primary Education Project," <u>Telesoftware, Cavendish Conference Center</u> , 9/27&28/84, IERE Publication No. 60, pp. 35-37.
	Stanton, G.W., "Implementation of Teletext on Cable Television System in the United States," <u>Telesoftware, Cavendish Conference Center</u> , 9/27&28/84, IERE Publication No. 60, pp. 39-43.
	Dowsett, C., "Telesoftware in the Development of Wideband Cable Systems and Services," <u>Telesoftware, Cavendish Conference Center</u> , 9/27&28/84, IERE Publication No. 60, pp. 45-48.
	Pim, D.N., "Telesoftware via Full Channel Teletext," <u>Telesoftware, Cavendish Conference Center</u> , 9/27&28/84, IERE Publication No. 60, pp. 49-54.
	Havelock, T.J., "Games Telesoftware on Cable," <u>Telesoftware, Cavendish Conference Center</u> , 9/27&28/84, IERE Publication No. 60, pp. 55-58.
mm	Shain, M., "Microcomputer Publishing," <u>Telesoftware, Cavendish Conference Center</u> , 9/27&28/84, IERE Publication No. 60, pp. 59-69.

Examiner <i>Alvin Marab</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Sweet, A., "The Development of a Commercial Telesoftware Service," <u>Telesoftware. Cavendish Conference Center</u> , 9/27&28/84, IERE Publication No. 60, pp. 71-74.
	Maurer, H., et al., "Teleprograms - The Right Approach to Videotex . . . If You Do It Right," <u>Telesoftware. Cavendish Conference Center</u> , 9/27&28/84, IERE Publication No. 60, pp. 75-76.
	Harris, A., "A European Standard Protocol for Videotext TeleSoftware," <u>Telesoftware. Cavendish Conference Center</u> , 9/27&28/84, IERE Publication No. 60, pp. 79-82.
	Griffith, Michael, "Text Services on Wideband Cable Networks," 9/11/86, 12 pages.
	Pim, D.N., "The World System Teletext Specification," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 9/16&17/86, Publication No. 69, pp. 3-8.
	Dowsett, C., "Code of Practice for Second Generation Teletext," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 9-26.
	Foster, R.A.L., et al., "The European Videotext Standard," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 27-32.
	Brown, Lawson, J., "BBC Telesoftware - 3 Years On," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 35-38.
mm	Harris, Anthony, "A European Standard for Videotex Processable Data," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 39-42.

Examiner <i>Melvin Marcelo</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Waters, A.G., "The Use of Broadcast and Multicast Techniques on Computer Networks," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 45-50.
	Conway, Paul A., "'Acotuda' An adaptive Technique for Optimum Channel Useage in Data Broadcasting," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 51-56.
	Robinson, C.J., "Interactive Video Cable," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 59-66.
	Boyd, R.T., "Interactive Service Development on the BT Switched-Star Network," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 67-73.
	Mason, A., "The Principles of the Over-Air Addressed Pay-Per-View Encryption System for Direct Broadcasting by Satellite and for Teletext," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 77-85.
	Stow, R.G., et al., "Privacy and Security in Broadcast Teletext Systems," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 87-91.
	Chambers, J.P., "BBC Datacast - The Transmission System," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 93-98.
	Bradshaw, D.J., et al., "BBC Datacast - Conditional Access Operation," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 99-105.
mm	Brown, Lawson, J., "BBC Datacast - Implementing A Data Service," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 107-110.

Examiner <i>Melvin March</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
Mm	Givertz, M.J., "Practical Implementation of an Information Provision Service Using Teletext," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 111-116.
	Tarrant, D.R., "Data Link Using Page-Format Teletext Transmission," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 119-125.
	Hinson, C.R., "A 'Full Level One+' World System Teletext Decoder," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 127-132.
	Kinghorn, J.R., et al., "Packet and Page Format Data Reception Using a Multistandard Acquisition Circuit," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 133-140.
	Gill, B., "A New Teletext Data Acquisition Circuit in CMOS, The MV1812," <u>IERE Conference on Electronic Delivery of Data and Software</u> , London, 9/16&17/86 pp. 141-145.
	Martin, James, <u>Viewdata and the Information Society</u> , Prentice Hall, 1982, pp. 293+.
	Alber, Antone F., <u>Videotex/Teletext</u> , McGraw-Hill, 1985 pp. 495+.
	Veith, Richard H., <u>Television's Teletext</u> , North-Holland, 1983, pp. 180+.
	<u>Joint EIA/CVCC Recommended Practice for Teletext: North American Basic Teletext Specification (NABTS)</u> , IS-14, CVCC-TS100, 3/1984, pp. 76+.
Mm	<u>Videotex/Teletext Presentation Level Protocol Syntax</u> , North American PLPS, ANSI X3.110-1983, CSA T500-1983, ANSI & CSA, 12/1983, pp. 105+.

Examiner <i>Melvin Marcelo</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Fletcher, Carol, "Videotext: Return Engagement," <u>IEEE Spectrum</u> , 10/85, pp. 34-38.
	Bortz, Paul I., et al., <u>Great Expectations: A Television Manager's Guide to the Future</u> , National Association of Broadcasters, 4/86, pp. 101-103, 133-136.
	Raag, Helmo, "International Electronic Mail," <u>NTC Record-1981, National Telecommunications Conference</u> , 11/29/81 - 12/3/81, pp. A9.1.1 - A9.1.5.
	Hagen, Rolf, "Teletex, A New Text Communication Service and Its Impact on Network Modules," <u>NTC Record-1981, National Telecommunications Conference</u> , 11/29/81 - 12/3/81, pp. F5.3.1 - F5.3.5.
	Holmes, Edith, "Electronic Mail Debuts," <u>ASIS Bulletin</u> , 12/81, pp. 40-42.
	Bertsekas, Dimitri P., "Distributed Dynamic Programming," <u>Proceedings of the 20th IEEE Conference on Decision & Control</u> , 12/16/81, Vol. 1, pp. 774-779.
	Herman, James C., "Application of Fiber Optics in CATV Distribution Systems," <u>Technical Papers, NCTA 31st Annual Convention & Exposition</u> , 5/3-5/82, pp. 148-152.
	"SAT-Guide Tests Electronic Program Guide Unit at Facilities," <u>SAT Guide</u> , 5/1982, pp. 50-52.
	Ciciora, Walter S., "Pixels and Bits - How Videotex Works," <u>The World Videotex Report</u> , 1984, pp. 17-33.
mm	Ciciora, Walter S., "Cable Videotex in the United States," <u>The World Videotex Report</u> , 1984, pp. 559-573.

Examiner <i>Melvin Marcelo</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	"Zenith Teletex Technology: A Backgrounder," Zenith Radio Corporation, Summer 1983, 6 pages.
	"KEYCOM, SSS Boards Approve Joint Venture for KEYFAX National Teletex Magazine," KEYCOM News Release, 8/20/82, 3 pages.
	"KEYCOM Completes Successful Nite-Owl Experiment," KEYCOM News Release, 9/5/82, 3 pages.
	"SSS, KEYCOM Formally Launch KEYFAX National Teletext Magazine," SSS Press Release, 11/17/82, 2 pages.
	"1983 Worldwide Census of Videotex and Cabletext Activities," CSP International, 9/1983, pp. 24+.
	"Diode Array Connection," Virdata 2.1, 1982, 7 pages.
	Gits, V., "Surprise a-Tac," <u>Cablevision</u> , Vol. 10, No. 5, October 1984, pp. 30-33.
	Rosenthal, E.M., "Keyfax: first nationally but only the beginning," <u>Cable Age</u> , January 31, 1982, 3 pages.
	Mapp, L., et al., <u>Telesoftware & Education Project - Final Report</u> , BBC/ITV and Brighton Polytechnic, July 1982, pp. 1-111.
	Roussel, A.D., et al., <u>T400 Teletext Terminal Operators Manual</u> , Logica, October 1985.
mm	<u>Guide To Context - The Logica Teletext Origination System</u> , TV Systems Division - Logica Limited, July 1983.

Examiner <i>mm Maralo</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Hobbs, R., <u>The Guide To Teletext</u> , Logica, January 1986.
	LSM General Characteristics, June 1982, 11 pages.
	"Vidata Teletext and Vertical Interval Data Products," Product Summary, Wegener Communications, April 20, 1983.
	Roizen, J., "New Technologies Make Headlines At Videotex '82," <u>The International Journal of Broadcast Technology</u> , August 1982, 3 pages.
	Weiss, M., et al., "How Teletext Can Deliver More Service and Profits," <u>The International Journal of Broadcast Technology</u> , August 1982, 4 pages.
	Zenith Radio Corporation, News Release, "Teletext: The Newest Window To The Future As Science Fiction Becomes Reality," June 23, 1983.
	Roberts, C., "Will Cable Television Revolutionize Campaigns?," <u>The Register</u> , February 21, 1982.
	Yanagimachi, Akio, "An Experimental Second-Generation Japanese Teletext System," <u>NHK Laboratories Note</u> , 10/1983, serial no. 291.
mm	Mothersole, P.L., "Equipment for Network Distribution," <u>Developments in Teletext. Independent Broadcasting Authority</u> , 5/1983, pp. 37 - 42.

Examiner <i>Melvin Marcelo</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
mm	3,602,891	8/31/71	Clark et al.	340/172.5	
	3,651,471	3/21/72	Haselwood et al.	340/172.5	
	3,733,431	5/15/73	Kirk, Jr., et al.	178/5.1	
	3,849,729	11/19/74	Van Baggem	325/31	
	3,906,450	9/16/75	Prado, Jr.	340/150	
	3,947,624	3/30/76	Miyake	178/6	
	3,947,972	4/6/76	Freeman	35/8 A	
	3,973,206	8/3/76	Haselwood et al.	325/455	
	3,987,397	10/19/76	Belcher et al.	325/308	
	4,048,562	9/13/77	Haselwood et al.	325/31	
	4,078,316	3/14/78	Freeman	35/8 A	
	4,081,832	3/28/78	Sherman	358/124	
	4,117,605	10/3/78	Kurland et al.	35/9 A	
	4,144,495	3/13/79	Metzger	325/4	
	4,218,698	8/19/80	Bart et al.	358/22	
	4,320,256	3/16/82	Freeman	179/6.04	
mm	4,338,643	7/6/82	Tadokoro	360/135	

Examiner <i>Nelson Marcelo</i>	Date Considered 08-25-78
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
MM	4,369,333	1/18/83	Gemperle et al.	178/22.13	
	4,377,870	3/22/83	Anderson et al.	455/2	
	4,410,911	10/18/83	Field et al.	358/121	
	4,414,516	11/8/83	Howard	333/21A	
	4,420,656	12/13/83	Freeman	179/6.04	
	4,422,486	12/27/83	Maret	144/117R	
	4,429,385	1/31/84	Cichelli et al.	370/92	
	4,433,211	2/21/84	McCalmont et al.	179/1.5 S	
	4,433,379	2/21/84	Schenk et al.	364/200	
	4,443,660	4/17/84	DeLong	178/22.04	
	4,449,114	5/15/84	Fascenda et al.	340/988	
	4,450,477	5/22/84	Lovett	358/86	
	4,451,700	5/29/84	Kempner et al.	179/2 AS	
	4,454,543	6/12/84	Lund et al.	358/118	
	4,454,594	6/12/84	Heffron et al.	364/900	
	4,458,109	7/3/84	Mueller-Schloer	178/22.11	
	4,458,315	7/3/84	Uchenick	364/200	
Man	4,460,922	7/17/84	Ensinger et al.	358/122	

Examiner <i>Melvin Maralo</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
mm	4,461,032	7/17/84	Skerlos	455/4	
	4,462,076	7/24/84	Smith, III	364/200	
	4,462,078	7/24/84	Ross	364/300	
	4,475,153	10/2/84	Kihara et al.	364/145	
	4,475,189	10/2/84	Herr et al.	370/62	
	4,476,573	10/9/84	Duckeck	455/45	
	4,484,027	11/20/84	Lee et al.	178/22.13	
	4,484,217	11/20/84	Block et al.	358/84	
	4,486,773	12/4/84	Okubo	358/84	
	4,488,289	12/11/84	Turner	370/60	
	4,491,945	1/1/85	Turner	370/60	
	4,494,156	1/15/85	Kadison et al.	360/48	
	4,494,230	1/15/85	Turner	370/60	
	4,503,287	3/5/85	Morris et al.	178/22.08	
	4,503,538	3/5/85	Fritz	371/28	
	4,507,680	3/26/85	Freeman	358/86	
	4,509,073	4/2/85	Baran et al.	358/86	
mm	4,512,011	4/16/85	Turner	370/60	

Examiner <i>Mark Marala</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
<i>mm</i>	4,513,324	4/23/85	Poetsch et al.	358/214	
	4,520,404	5/28/85	Von Kohorn	358/335	
	4,521,806	6/4/85	Abraham	358/86	
	4,527,194	7/2/85	Sirazi	358/86	
	4,531,020	7/23/85	Wechselberger et al.	178/22.08	
	4,531,021	7/23/85	Bluestein et al.	178/22.08	
	4,532,547	7/30/85	Bennett	358/148	
	4,533,948	8/6/85	McNamara et al.	358/122	
	4,533,949	8/6/85	Fujimura et al.	358/122	
	4,535,355	8/13/85	Arn et al.	358/123	
	4,538,174	8/27/85	Gargini et al.	358/86	
	4,539,676	9/3/85	Lucas	370/60	
	4,544,963	10/1/85	Jacoby et al.	360/40	
	4,546,382	10/8/85	McKenna et al.	358/84	
	4,546,387	10/8/85	Glaab	358/186	
	4,547,804	10/15/85	Greenberg	358/142	
	4,553,252	11/12/85	Egendorf	377/15	
<i>mm</i>	4,554,418	11/19/85	Toy	179/2 DP	

Examiner <i>mm Marcelo</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
mm	4,558,464	12/10/85	O'Brien, Jr.	455/4	
	4,562,306	12/31/85	Chou et al.	178/22.08	
	4,562,465	12/31/85	Glaab	358/120	
	4,562,495	12/31/85	Bond et al.	360/78	
	4,566,030	1/21/86	Nickerson et al.	358/84	
	4,567,512	1/28/86	Abraham	358/86	
	4,573,072	2/25/86	Freeman	358/86	
	4,573,151	2/25/86	Jotwani	370/56	
	4,574,305	3/4/86	Campbell et al.	358/86	
	4,575,750	3/11/86	Callahan	358/86	
	4,577,289	3/18/86	Comerford et al.	364/900	
	4,580,165	4/1/86	Patton et al.	358/148	
	4,583,128	4/15/86	Anderson, Jr. et al.	358/302	
	4,584,641	4/22/86	Guglielmino	364/200	
	4,586,134	4/29/86	Norstedt	364/200	
	4,588,991	5/13/86	Atalla	340/825.31	
	4,589,064	5/13/86	Chiba et al.	364/200	
mm	4,590,516	5/20/86	Abraham	358/86	

Examiner <i>Melvin March</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
mm	4,591,248	5/27/86	Freeman	352/133	
	4,591,664	5/27/86	Freeman	179/6.06	
	4,591,906	5/27/86	Morales-Garza et al.	358/84	
	4,592,546	6/3/86	Fascenda et al.	273/1 E	
	4,593,376	6/3/86	Volk	364/900	
	4,595,950	6/17/86	Löfberg	358/122	
	4,596,021	6/17/86	Carter et al.	375/5	
	4,597,058	6/24/86	Izumi et al.	364/900	
	4,598,288	7/1/86	Yarbrough et al.	340/825.34	
	4,599,611	7/8/86	Bowker et al.	340/721	
	4,599,647	7/8/86	George et al.	358/122	
	4,602,279	7/22/86	Freeman	358/86	
	4,603,232	7/29/86	Kurland et al.	179/2 AS	
	4,605,973	8/12/86	Von Kohorn	358/335	
	4,608,456	8/26/86	Paik et al.	179/1.5 S	
	4,613,901	9/23/86	Gilhausen et al.	358/122	
	4,616,263	10/7/86	Eichelberger	358/185	
mm	4,620,224	10/28/86	Lee et al.	358/119	

Examiner <i>mm</i> <i>Harvey</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
<i>mm</i>	4,625,235	11/25/86	Watson	358/86	
	4,630,108	12/16/86	Gomersall	358/84	
	4,630,262	12/16/86	Callens et al.	370/81	
	4,634,807	1/6/87	Chorley et al.	178/22.08	
	4,634,808	1/6/87	Moerder	178/22.14	
	4,635,121	1/6/87	Hoffman et al.	358/188	
	4,638,181	1/20/87	Deiss	307/243	
	4,638,359	1/20/87	Watson	358/147	
	4,639,779	1/27/87	Greenberg	358/142	
	4,641,205	2/3/87	Beyers, Jr.	360/33.1	
	4,641,253	2/3/87	Mastran	364/328	
	4,641,307	2/3/87	Russell	370/60	
	4,646,075	2/24/87	Andrews et al.	340/747	
	4,647,964	3/3/87	Weinblatt	358/84	
	4,656,629	4/7/87	Kondoh et al.	370/85	
	4,658,093	4/14/87	Hellman	380/25	
	4,677,434	6/30/87	Fascenda	380/23	
<i>mm</i>	4,677,466	6/30/87	Lert, Jr. et al.	358/84	

Examiner <i>Melvin Morales</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
<i>mm</i>	4,677,611	6/30/87	Yanosy, Jr. et al.	370/85	
	4,680,581	7/14/87	Kozlik et al.	340/825.06	
	4,684,980	8/4/87	Rast et al.	358/86	
	4,685,056	8/4/87	Barnsdale, Jr. et al.	364/200	
	4,685,131	8/4/87	Horne	380/20	
	4,688,247	8/18/87	Davidov	380/19	
	4,689,022	8/25/87	Peers et al.	434/307	
	4,689,619	8/25/87	O'Brien, Jr.	340/825.08	
	4,692,817	9/8/87	Theis	360/12	
	4,692,819	9/8/87	Steele	360/72.1	
	4,694,491	9/15/87	Horne et al.	380/20	3/11/85
	4,695,953	9/22/87	Blair et al.	364/410	4/14/86
	4,696,034	9/22/87	Wiedemer	380/16	10/12/84
	4,697,281	9/29/87	O'Sullivan	379/59	3/14/86
	4,701,794	10/20/87	Fröling et al.	358/147	4/12/85
	4,706,121	11/10/87	Young	358/142	5/6/86
	B1 4,706,121	12/14/93	Young	358/142	5/6/86
<i>mm</i>	4,706,282	11/10/87	Knowd	380/3	12/23/85

Examiner <i>mplv - Marshall</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
mm	4,707,828	11/17/87	Yamada	370/85	9/10/85
	4,709,418	11/24/87	Fox et al.	455/612	9/14/83
	4,710,955	12/1/87	Kauffman	380/10	11/25/85
	4,712,105	12/8/87	Köhler	340/825.69	4/30/85
	4,712,238	12/8/87	Gilhausen et al.	380/20	6/8/84
	4,712,239	12/8/87	Frezza et al.	380/20	6/16/86
	4,722,526	2/2/88	Tovar et al.	273/1 E	1/20/87
	4,724,491	2/9/88	Lambert	358/310	8/28/84
	4,725,886	2/16/88	Galumbeck et al.	358/147	4/21/83
	4,728,949	3/1/88	Platte et al.	340/825.37	3/23/84
	4,731,679	3/15/88	O'Gwynn et al.	360/73	9/20/84
	4,733,301	3/22/88	Wright, Jr.	358/181	6/26/87
	4,734,764	3/29/88	Pocock et al.	358/86	5/6/85
	4,737,993	4/12/88	DeVilbiss	455/180	1/21/87
	4,739,510	4/19/88	Jeffers et al.	380/15	4/2/87
	4,740,890	4/26/88	William	364/200	12/22/83
mm	4,745,468	5/17/88	Von Kohorn	358/84	3/10/86
mm	B1 4,745,468	6/11/91	Von Kohorn	358/84	3/10/86

Examiner <i>Malcolm MacLeod</i>	Date Considered 08-25-94
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
<i>mm</i>	4,745,598	5/17/88	Ulug	370/89	11/27/85
	4,747,139	5/24/88	Taaffe	380/44	10/21/86
	4,748,560	5/31/88	Kataoka	364/200	10/11/85
	4,750,036	6/7/88	Martinez	358/147	5/14/86
	4,750,213	6/7/88	Novak	455/67	6/9/86
	4,751,578	6/14/88	Reiter et al.	358/183	5/28/85
	4,751,665	6/14/88	Cappello et al.	364/748	2/24/86
	4,754,326	6/28/88	Kram et al.	364/900	10/25/83
	4,755,871	7/5/88	Morales-Garza et al.	358/84	11/25/86
	4,755,883	7/5/88	Uehira	358/335	9/11/85
	4,761,646	8/2/88	Choquet et al.	340/825.520	5/20/86
	4,763,317	8/9/88	Lehman et al.	370/58	12/13/85
	4,768,087	8/30/88	Taub et al.	358/84	6/6/85
	4,768,110	8/30/88	Dunlap et al.	360/33.1	5/6/87
	4,771,456	9/13/88	Martin et al.	380/10	11/6/86
	4,775,935	10/4/88	Yourick	364/401	9/22/86
	4,783,846	11/8/88	Wachob	455/151	6/4/87
<i>mm</i>	4,786,979	11/22/88	Claus et al.	358/335	5/22/86

Examiner <i>William Marala</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
mm	4,787,063	11/22/88	Muguet	364/900	10/16/85
	4,787,085	11/22/88	Suto et al.	370/110.1	5/29/87
	4,789,863	12/6/88	Bush	340/825.350	1/13/88***
	4,792,849	12/20/88	McCalley et al.	358/86	8/4/87
	4,792,973	12/20/88	Gilhousen et al.	380/24	12/4/87***
	4,802,114	1/31/89	Sogame	364/900	12/15/86
	4,803,725	2/7/89	Horne et al.	380/44	5/14/87
	4,805,014	2/14/89	Sahara et al.	358/86	9/14/87***
	4,812,843	3/14/89	Champion, III et al.	340/905	8/11/87
	4,813,011	3/14/89	Kulakowski et al.	364/900	5/13/85
	4,815,129	3/21/89	Griffin et al.	380/15	1/2/85
	4,816,905	3/28/89	Tweedy et al.	358/86	4/30/87
	4,821,032	4/11/89	Shimada et al.	340/825.210	12/23/85
	4,821,102	4/11/89	Ichikawa et al.	358/183	7/29/87
	4,827,508	5/2/89	Shear	380/4	10/14/86
	4,829,372	5/9/89	McCalley et al.	358/86	8/20/87
	4,833,710	5/23/89	Hirashima	380/20	12/3/87***
mm	4,837,858	6/6/89	Ablay et al.	455/34	4/30/87

Examiner <i>Melvin Marzullo</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
mm	4,845,491	7/4/89	Fascenda et al.	340/825.44	5/15/87
	4,847,698	7/11/89	Freeman	358/343	7/16/87
	4,847,699	7/11/89	Freeman	358/343	7/16/87
	4,847,700	7/11/89	Freeman	358/343	7/16/87
	4,860,379	8/22/89	Schoeneberger et al.	455/5	10/20/88***
	4,866,706	9/12/89	Christophersen et al.	370/85.7	8/27/87
	4,868,866	9/19/89	Williams, Jr.	380/49	2/18/88***
	4,876,592	10/24/89	Von Kohorn	358/84	5/10/88***
	4,887,172	12/12/89	Steele	360/73.06	4/10/87
	4,888,796	12/19/89	Olivo, Jr.	379/101	8/31/87
	4,890,321	12/26/89	Seth-Smith et al.	380/20	9/30/88***
	4,893,248	1/9/90	Pitts et al.	364/464.01	2/6/87
	4,908,713	3/13/90	Levine	358/335	6/29/88***
	4,916,539	4/10/90	Galumbeck	358/142	3/14/89***
	4,926,255	5/15/90	Von Kohorn	358/84	5/10/88***
	4,941,040	7/10/90	Pocock et al.	358/86	2/10/88***
	4,963,994	10/16/90	Levine	358/335	2/23/90***
mm	4,969,209	11/6/90	Schwob	455/158	6/29/88***

Examiner <i>mm</i> <i>March</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
mm	4,974,252	11/27/90	Osborne	379/92	10/4/88***
	4,977,594	12/11/90	Shear	380/4	2/16/89***
	5,010,571	4/23/91	Katznelson	380/4	9/10/86
	5,034,807	7/23/91	Von Kohorn	358/84	10/19/89***
	5,036,537	7/30/91	Jeffers et al.	380/20	4/3/87
	5,045,848	9/3/91	Fascenda	340/825.26	9/29/87***
	5,050,213	9/17/91	Shear	380/25	8/6/90***
	5,057,915	10/15/91	Von Kohorn	358/84	10/25/90***
	5,060,140	10/22/91	Brown et al.	364/200	1/16/86
	5,083,271	1/21/92	Thacher et al.	364/411	8/3/88***
	5,089,885	2/18/92	Clark	358/86	8/1/88***
	5,128,752	7/7/92	Von Kohorn	358/84	10/25/90***
	5,140,419	8/18/92	Galumbeck et al.	358/142	12/21/89***
	5,144,663	9/1/92	Kudelski et al.	380/16	11/13/90***
	5,152,011	9/29/92	Schwob	455/158.5	6/19/90***
	5,152,012	9/29/92	Schwob	455/158.5	4/27/90***
	5,172,111	12/15/92	Olivo, Jr.	340/825.31	12/18/89***
hm	5,177,604	1/5/93	Martinez	358/86	6/3/88***

Examiner <i>Melvin Narula</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
MM	5,191,410	3/2/93	McCalley et al.	358/86	2/5/91***
	5,195,092	3/16/93	Wilson et al.	370/94.2	8/30/91***
	5,208,665	5/4/93	McCalley et al.	358/86	2/15/91***
	5,216,552	6/1/93	Dunlap et al.	360/33.1	8/30/88***
	5,227,874	7/13/93	Von Kohorn	358/84	10/15/91***
	5,283,734	2/1/94	Von Kohorn	364/412	9/19/91***
	D302,178	7/11/89	King	D20/1	11/28/86
	Re. 32,835	1/17/89	Howard	333/21 A	11/6/85
	Re. 33,662	8/13/91	Blair et al.	364/410	9/21/89***
MM	Re. 34,034	8/18/92	O'Sullivan	379/59	9/29/89***

*- If pertinent

***- Claims priority from parent application filed prior to Sep. 11, 1987.

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country	Class / Subclass	Translation Yes No	
MM	0 055 674	7/7/82	European Patent Appl.	H04L 11/20		X

Examiner <i>Melvin Marado</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

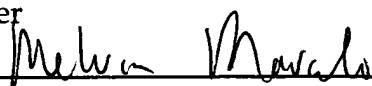
MM	0 103 438 A1	3/21/84	European Patent Appl.	H04N 7/10		X
	0 128 481 A2	12/19/84	European Patent Appl.	H04N 7/00		X
	0 152 251	8/21/85	European Patent Appl.	H04H 1/02		X
	0 206 821	12/30/86	European Patent Appl.	H04N 7/00		X
	0 217 308 A2	4/8/87	European Patent Appl.	H04M 11/00		X
	2 126 002 A	3/14/84	Great Britain	G11B 15/02 H04N 7/00		X
	2 185 670 A	7/22/87	Great Britain	H04N 7/087		X
	59-160387	9/11/84	Japan	H04N 7/10	X	
	60-256289	12/17/85	Japan	H04N 7/173	X	
	61-148988	7/7/86	Japan	H04N 7/173	X	
	DE 3337204 A1	4/25/85	German	H04N 5/44	X	
	WO 85/03830	8/29/85	PCT Appl.	H04N 7/16 H04K 1/04		X
dm	WO 87/04884	8/13/87	PCT Appl.	H04M 11/08 H04M 15/00		X

Examiner <i>Melvin Marala</i>	Date Considered <i>88-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Baran, Paul (PACKETCABLE INC.), "PACKETCABLE: A New Interactive Cable System Technology," <u>CABLE '82 - Technical Papers</u> , National Cable Television Association 31st Annual Convention, Las Vegas, NV, May 3-5, 1982 (" <u>CABLE '82</u> "), pp. 1-6.
	Tunmann, Ernest O. (TELE-ENGINEERING CORPORATION), "TWO-WAY CABLE TV TECHNOLOGIES," <u>CABLE '82</u> , pp. 7-15.
	Dickinson, Robert V.C. (E-COM CORPORATION), "Carriage of Multiple One-Way and Interactive Service on CATV Networks," <u>CABLE '82</u> , pp. 16-21.
	McNamara, R.P. et al. (Sytek, Incorporated), "MetroNet: An Overview of a CATV Regional Data Network," <u>CABLE '82</u> , pp. 22-31.
	Eissler, Charles (Oak Communications Systems), "Addressable Control for the Small System," <u>CABLE '82</u> , pp. 32-36.
	Mesiya, M.F. et al. (Times Fiber Communications, Inc.), "Mini-Hub Addressable Distribution System for Hi-Rise Application," <u>CABLE '82</u> , pp. 37-42.
	Thomas, William L. (Zenith Radio Corporation), "Full Field Tiered Addressable Teletext," <u>CABLE '82</u> , pp. 44-46.
	Langley, Don et al. (University of Cincinnati and Rice-Richter Associates), "Interactive Split Screen Teleconferencing," <u>CABLE '82</u> , pp. 47-50.
	Klare, Stephen W. (Scientific - Atlanta), "Bandwidth-Efficient, High-Speed Modems for Cable Systems," <u>CABLE '82</u> , pp. 72-78.
mm	Jubert, Jay (Wang Laboratories, Inc.), "Wangnet, A Cable-Based Localnet," <u>CABLE '82</u> , pp. 79-81.

Examiner 	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
<i>MM</i>	Switzer, I. (Cable America, Inc.), "Cable TV Advances and TV Receiver Compatibility Problems," <u>CABLE '82</u> , pp. 114-118.
	Skrobko, John (Scientific-Atlanta Incorporated), "Improving CATV System Reliability with Automatic Status Monitoring and Bridger Switching," <u>CABLE '82</u> , pp. 133-137.
	Dahlquist, John (Jerrold Division, General Instrument Corporation), "Techniques for Improving Continuity of Service in a CATV Distribution System," ABSTRACT, <u>CABLE '82</u> , p. 138
	Polishuk, Paul Dr. (Information Gatekeepers, Inc.) "Present Status of Fiber Optics Technology and its Impact on the CATV Industry," <u>CABLE '82</u> , pp. 142-147.
	Dufresne, Michel (Videotron Communications LTEE), "New Services: An Integrated Cable Networks's Approach," <u>CABLE '82</u> , pp. 156-160.
	Stanton, Gary W. (Southern Satellite Systems), "Downloading and Addressing via Teletext," <u>CABLE '82</u> , pp. 161-165.
	Goldberg, Efrem I. (GTE Laboratories Incorporated), "Videotex on Two-Way Cable Television Systems - Some Technical Considerations," <u>CABLE '82</u> , pp. 166-174.
	Noirel, Yves (CCETT/Rennes, France), "Abstract of paper entitled Data Broadcasting: "DIDON" and "DIODE" Protocols," <u>CABLE '82</u> , pp. 175-179.
	von Meister, William F. (Digital Music Company), "The Home Music Store," <u>CABLE '82</u> , pp. 180-182.
	Brown, Jr., Robert R. (Cima Telephone and Television), "Inter Bridger Trunking for Information Services," <u>CABLE '82</u> , pp. 183-189.
<i>AM</i>	Alvord, Charles, Dr. (Communications Technology Management, Inc.), "Creating Standards for Interconnect Systems," <u>CABLE '82</u> , pp. 190-196.

Examiner <i>William Marada</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602


Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Schrock, Clifford B. (Cable Bus Systems Corporation), "Can Noise and Ingress Coexist with Two-Way Services?," <u>CABLE '82</u> , pp. 205-209.
	The Weather Channel, "The Weather STAR Satellite Transponder Addressable Receiver," Operation/Installation Manual, Rev. 01.5/82.
	Lafayette, Jon, "TV ad monitor system starts tests here Mon.," <u>New York Post</u> , Oct. 18, 1985, p. 63.
	Jones, Stacy V., "Patents/Monitoring Display of TV Ads," <u>The New York Times</u> , Oct. 19, 1985, p. 34.
	Remley, F.M., "Television Technology," <u>SMPTE Journal</u> , May 1982, pp. 458-462.
	Proposed American National Standard, "Electrical and Mechanical Characteristics for Digital Control Interface," <u>SMPTE Journal</u> , September 1982, pp. 888-897.
	Zaludek, Jerry P., "Videotape - Past, Present, and Future," <u>SMPTE Journal</u> , April 1982, pp. 356-360.
	Kary, Michael Loran, "Video-Assisted Film Editing System," <u>SMPTE Journal</u> , June 1982, pp. 547-551.
	Glover, S. "Automatic Switching at the Edmonton Television Studios," <u>SMPTE Journal</u> , November 1966, Vol. 75, pp. 1089-1092.
	Barlow, M.W.S., "The Remote Control of Multiplexed Telecine Chains," <u>SMPTE Journal</u> , April 1971, Vol. 80, pp. 270-275.
	Campbell, Keith D., "An Automated Video-Tape Editing System," <u>Journal of the SMPTE</u> , March 1970, Vol. 79, pp. 191-194.
mm	Bonney, R.B. et al., "A Proposed Standard Time and Control Code for Video-Tape Editing," <u>Journal of the SMPTE</u> , March 1970, Vol. 79, pp. 186-190.
Examiner m l w n m a r a l w	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
MM	Barlow, M., Letter to the Editor, "Re: Coding and Packaging Film for Broadcasting," <u>Journal of the SMPTE</u> , October 1969, Vol. 78, p. 889.
	Barlow, M., Letter to the Editor, "Re: Automation of Telecine Equipment," <u>Journal of the SMPTE</u> , April 1970, Vol. 79, pp. 345-346.
	Matley, J. Brian, "A Digital Framestore Synchronizer," <u>SMPTE Journal</u> , June 1976, Vol. 85, pp. 385-388.
	Connolly, W.G. et al., "The Electronic Still Store: A Digital System for the Storage and Display of Still Pictures," <u>SMPTE Journal</u> , August 1976, Vol. 85, pp. 609-613.
	Sadashige, K., "Overview of Time-Base Correction Techniques and Their Applications," <u>SMPTE Journal</u> , October 1976, Vol. 85, pp. 787-791.
	Siocos, C.A., "Satellite Technical and Operational Committee - Television (STOC-TV) Guidelines for Waveform Graticules," <u>SMPTE Journal</u> , November 1976, Vol. 85, pp. 878-879.
	"Index to Subjects - January-December 1976 • Volume 85," 1976 Index to SMPTE Journal, <u>SMPTE Journal</u> , Vol. 85, pp. I-5 to I-13, I-15.
	Rodgers, Richard W., "Design Considerations for a Transmission and Distribution System for SMPTE Time-Code Signals," <u>SMPTE Journal</u> , February 1977, Vol. 86, pp. 69-70.
	Allan, J.J., III, et al., "A Computer-Controlled Super-8 Projector," <u>SMPTE Journal</u> , July 1977, Vol. 86, pp. 488-489.
	"Index to Subjects - January-December 1977 • Volume 86," 1977 Index to SMPTE Journal, <u>SMPTE Journal</u> , Vol. 86, pp. I-5 to I-14.
MM	Hamalainen, K.J., "Videotape Editing Systems Using Microprocessors," <u>SMPTE Journal</u> , June 1978, Vol. 87, pp. 379-382.

Examiner 	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

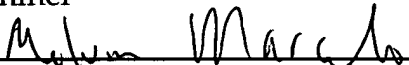
Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
<i>mm</i>	McCoy, Reginald F.H., "A New Digital Video Special-Effects Equipment," <u>SMPTE Journal</u> , January 1978, Vol. 87, pp. 20-23.
	Leonard, Eugene, "Considerations Regarding the Use of Digital Data to Generate Video Backgrounds," <u>SMPTE Journal</u> , August 1978, Vol. 87, pp. 499-504.
	Swetland, George R., "Applying the SMPTE Time and Control Code to Television Audio Post Production," <u>SMPTE Journal</u> , August 1978, Vol. 87, pp. 508-512.
	Moore, J.K., et al., "A Recent Innovation in Digital Special Effects, The CBS 'Action Track' System," <u>SMPTE Journal</u> , October 1978, Vol. 87, pp. 673-676.
	Connolly, William G., "Videotape Program Production at CBS Studio Center," <u>SMPTE Journal</u> , November 1978, Vol. 87, pp. 761-763.
	Nicholls, William C., "A New Edit Room Using One-Inch Continuous-Field Helical VTRs," <u>SMPTE Journal</u> , November 1978, Vol. 87, pp. 764-766.
	"Index to Volume 87 January-December 1978," <u>SMPTE Journal</u> , Part II to January 1979 <u>SMPTE Journal</u> , pp. I-1, I-4 to I-14.
	Wetmore, R. Evans, "System Performance Objectives and Acceptance Testing of the Public Television Satellite Interconnection System," <u>SMPTE Journal</u> , February 1979, Vol. 88, pp. 101-111.
	Bates, George W., "Cut/Lap: A New Method for Programmable Fades and Soft Edit Transitions Using a Single Source VTR," <u>SMPTE Journal</u> , March 1979, Vol. 88, pp. 160-161.
	Douglas, W. Gordon, "PBS Satellite Interconnection Technical Operations and Maintenance," <u>SMPTE Journal</u> , March 1979, Vol. 88, pp. 162-163.
<i>mm</i>	Oliphant, Andrew et al., "A Digital Telecine Processing Channel," <u>SMPTE Journal</u> , July 1979, Vol. 88, pp. 474-483.

Examiner <i>Michael March</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
um	Bates, George W. et al., "Time Code Error Correction Utilizing a Microprocessor," <u>SMPTE Journal</u> , October 1979, Vol. 88, pp. 712-715.
	Geise, Heinz-Dieter, "The Use of Microcomputers and Microprocessors in Modern VTR Control," <u>SMPTE Journal</u> , December 1979, Vol. 88, pp. 831-834.
	"Index to Subjects - January-December 1979 • Volume 88," 1979 Index to SMPTE Journal, <u>SMPTE Journal</u> , Vol. 88, pp. I-4 to I-10.
	"Advanced Transmission Techniques," <u>SMPTE Journal</u> , Report on the 121st Technical Conference, January 1980, Vol. 89, pp. 31-32.
	"Anderson: Progress Committee Report for 1979 - Television," <u>SMPTE Journal</u> , May 1980, Vol. 89, pp. 324-328.
	<u>SMPTE Journal</u> , May 1980, Vol. 89, p. 391, no title.
	"The TCR-119 Reader," Gray Engineering Laboratories, <u>SMPTE Journal</u> , May 1980, Vol. 89, p. 438, (advertisement).
	Hopkins, Robert S., Jr., "Report of the Committee on New Technology," <u>SMPTE Journal</u> , June 1980, Vol. 89, pp. 449-450.
	Limb, J.O. et al., "An Interframe Coding Technique for Broadcast Television," <u>SMPTE Journal</u> , June 1980, Vol. 89, p. 451.
	"Preliminary List of Papers," <u>SMPTE Journal</u> , September 1980, Vol. 89, p. 677.
	Davis, John T., "Automation of a Production Switching System," <u>SMPTE Journal</u> , October 1980, Vol. 89, pp. 725-727.
mm	"Video Tape Recording Glossary," <u>SMPTE Journal</u> , October 1980, Vol. 89, p. 733.

Examiner 	Date Considered 08-29-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
um	Advertisement, "CTVM 3 series of Barco master control color monitors", "Barco TV Modulator, Model VSBM 1/S", "VICMACS Type 1724 Vertical Interval Machine Control System", "Videotape Editing Controllers by US JVC Corp., RM-70U, RM-82U, RM-88U", <u>SMPTE Journal</u> , October 1980, Vol. 89, p. 820 et seq.
	Ciciora, Walter, "Teletext Systems: Considering the Prospective User," <u>SMPTE Journal</u> , November 1980, Vol. 89, pp. 846-849.
	Hathaway, R.A. et al., "Development and Design of the Ampex Auto Scan Tracking (AST) System," <u>SMPTE Journal</u> , December 1980, Vol. 89, p. 931.
	Connor, Denis J., "Network Distribution of Digital Television Signals," <u>SMPTE Journal</u> , December 1980, Vol. 89, pp. 935-938.
	"Index to Subjects - January-December 1980 • Volume 89," 1980 Index to SMPTE Journal, <u>SMPTE Journal</u> , pp. I-5 to I-11.
	"Index to SMPTE-Sponsored American National Standards, Society Recommended Practices, and Engineering Committee Recommendations," 1980 Index to SMPTE Journal, <u>SMPTE Journal</u> , pp. I-15 to I-20.
	Table of Contents, <u>SMPTE Journal</u> , February 1981, Vol. 90, Number 2, 1 page.
	Table of Contents, <u>SMPTE Journal</u> , March 1981, Vol. 90, Number 3, 1 page.
	Table of Contents, <u>SMPTE Journal</u> , April 1981, Vol. 90, Number 4, 1 page.
	Table of Contents, <u>SMPTE Journal</u> , May 1981, Vol. 90, Number 5, 1 page.
	"Television," <u>SMPTE Journal</u> , May 1981, pp. 375-379.
	Table of Contents, <u>SMPTE Journal</u> , January 1981, Vol. 90, Number 1, 1 page.
mm	Table of Contents, <u>SMPTE Journal</u> , June 1981, Vol. 90, Number 6, 1 page.

Examiner <i>Melvin Morales</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
<i>MM</i>	Table of Contents, <u>SMPTE Journal</u> , July 1981, Vol. 90, Number 7, 1 page.
	Table of Contents, <u>SMPTE Journal</u> , August 1981, Vol. 90, Number 8, 1 page.
	"American National Standard" "time and control code for video and audio tape for 525-line/60-field television systems," <u>SMPTE Journal</u> , August 1981, pp. 716-717.
	Table of Contents, <u>SMPTE Journal</u> , September 1981, Vol. 90, Number 9, 1 page.
	"Proposed SMPTE Recommended Practice" "Vertical Interval Time and Control Code for Video Tape for 525-Line/60-Field Television Systems," <u>SMPTE Journal</u> , September 1981, pp. 800-801.
	Table of Contents, <u>SMPTE Journal</u> , October 1981, Vol. 90, Number 10, 1 page.
	Kaufman, Paul A. et al., "The Du Art Frame Count Cueing System," <u>SMPTE Journal</u> , October 1981, pp. 979-981.
	"American National Standard" "dimensions of video, audio and tracking control records on 2-in video magnetic tape quadruplex recorded at 15 and 7.5 in/s," <u>SMPTE Journal</u> , October 1981, pp. 988-989.
	Table of Contents, <u>SMPTE Journal</u> , November 1981, Vol. 90, Number 11, 1 page.
	Table of Contents, <u>SMPTE Journal</u> , December 1981, Vol. 90, Number 12, 1 page.
	Powers, Kerns H., "A Hierarchy of Digital Standards for Teleproduction in the Year 2001," <u>SMPTE Journal</u> , December 1981, pp. 1150-1151.
<i>MM</i>	"Application of Direct Broadcast Satellite Corporation for a Direct Broadcast Satellite System," Before the Federal Communications Commission, Washington, D.C., Gen. Docket No. 80-603, July 16, 1981.

Examiner <i>Melvin Mavala</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Rice, Michael, "Toward Enhancing the Social Benefits of Electronic Publishing," Report of an Aspen Institute Planning Meeting, <u>Communications and Society Forum Report</u> , February 25-26, 1987.
	Rice, Michael, "Toward Improved Computer Software for Education and Entertainment in the Home," Report of an Aspen Institute Planning Meeting, <u>Communications and Society Forum Report</u> , June 3-4, 1987.
	Gano, Steve, "Teaching 'real world' systems," 1 page, 1987.
	Pollack, Andrew, "Putting 25,000 Pages on a CD," <u>New York Times</u> , 1 page, March 4, 1987.
	Gano, Steve, "A Draft of a Request for Proposals Concerning the Adoption of Computer Technology in the Home," January 1988, DRAFT © 1987 Steve Gano.
	COMSAT, "Communications Satellite Corporation Magazine," Number 7, 1982.
	COMSAT, "Satellite to Home Pay Television," no date.
	COMSAT, "Annual Report 1981."
	"Comsat's STC: Poised for blastoff into TV's space frontier," <u>Broadcasting</u> , Feb. 22, 1982, pp. 38-45.
	Taylor, John P., "Comsat bid to FCC for DBS authorization: Questions of finances, 'localism,' monopoly," <u>Television/Radio Age</u> , May 4, 1981, pp. 42-44 and 80-81.
	Taylor, John P., "Fourteen DBS authorization applications to FCC differ greatly in both structure and operations," <u>Television/Radio Age</u> , Oct. 5, 1981, pp. 40-42 and 116-119.
mm	Taylor, John P., "Comsat bid to FCC for DBS authorization: Is direct broadcasting the wave of the future?", <u>Television/Radio Age</u> , Mar. 23, 1981, pp. A-22-24 and A-26 and A-28-31.

Examiner <i>Michael March</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
<i>mm</i>	"At Sequent Computer, One Size Fits All," <u>Business Week</u> , Sep. 17, 1984, 1 page.
	Hayashi, Alden, M., "Can Logic Automation model its way to success?", <u>Electronic Business</u> , Aug. 1, 1986, 1 page.
	"Imager monitors the bloodstream," <u>High Technology</u> , March 1987, 1 page.
	Merritt, Christopher R.B., M.D., "Doppler blood flow imaging: integrating flow with tissue data," <u>Diagnostic Imaging</u> , November 1986, pp. 146-155.
	Eisenhammer, John, "Will Europe's Satellite TV Achieve Lift-Off?", <u>Business</u> , Aug. 1986, pp. 56-60.
	Hayes, Thomas C., "New M.C.C. Chief's Strategy: To Speed Payoff on Research," <u>The New York Times</u> , Jun. 24, 1987, 2 pages.
	Collins, Glenn, "For Many, a Vast Wasteland Has Become a Brave New World," <u>New York Times</u> , no date, 2 pages.
	Gleick, James, "U.S. Is Lagging on Forecasting World Weather," <u>The New York Times</u> , Feb. 15, 1987, 2 pages.
	Browning, E.S., "Sony's Perseverance Helped It Win Market For Mini-CD Players," <u>Wall Street Journal</u> , Feb. 27, 1986, 2 pages.
	Dragutsky, Paula, "Data in the bank is booming biz," <u>New York Post</u> , Apr. 29, 1985, 1 page.
	Wayne, Leslie, "Dismantling the Innovative D.R.I.," <u>The New York Times</u> , Dec. 16, 1984, 2 pages.
<i>mm</i>	Sanger, David E., "A Computer Full of Surprises," <u>The New York Times</u> , May 8, 1987, 2 pages.

Examiner <i>mm</i> <i>M. W. Cuddihy</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Hoffman, Paul, "The Next Leap In Computers," <u>The New York Times Magazine</u> , Dec. 7, 1986, 6 pages.
	Taylor, Thayer C., "Laptops and the Sales Force: New Stars in the Sky," pp. 81-84.
	Parker, Edwin B., "Satellite micro earth stations - a small investment with big returns," <u>Data Communications</u> , Jan. 1983, 5 pages.
	"Micro Key System," Video Associates Labs, product description.
	"SMPTE Journal Five-Year Index 1971-1975," <u>SMPTE Journal</u> .
	"SMPTE Journal Five-Year Index 1976-1980," <u>SMPTE Journal</u> .
	"SMPTE Journal Five-Year Index 1981-1985," <u>SMPTE Journal</u> , Vol. 95, No. 1, January 1986.
	"SMPTE Journal Five-Year Index 1986-1990," <u>SMPTE Journal</u> , Vol. 100, No. 1, January 1991.
	"Annual Index 1982," <u>SMPTE Journal</u> , Vol. 91, January-December 1982, pp. 1253-1263.
	"Highlights, SMPTE, The 124th SMPTE Conference," <u>SMPTE Journal</u> , January 1983, p. 3.
	<u>SMPTE Journal</u> , January 1983, pp. 64, 69-70, 87-90, 92-98.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , February 1983, p. 163.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , March 1983, p. 267.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , April 1983, p. 355.
	Thomas, L. Merle, "Television," <u>SMPTE Journal</u> , April 1983, pp. 407-410.
mm	"Highlights, SMPTE," <u>SMPTE Journal</u> , May 1983, p. 547.

Examiner <i>Melvin Morales</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

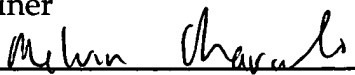
Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
<i>mm</i>	"Highlights, SMPTE," <u>SMPTE Journal</u> , June 1983, p. 627.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , July 1983, p. 715.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , August 1983, p. 803.
	Tooms, Michael S. et al., "The Evolution of a Comprehensive Computer Support System for the Television Operation," <u>SMPTE Journal</u> , August 1983, pp. 824-833.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , September 1983, p. 907.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , October 1983, p. 1027.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , November 1983, p. 1173.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , December 1983, p. 1269.
	"Index to Subjects - January-December, 1983 • Volume 92," Annual Index 1983, <u>SMPTE Journal</u> , pp. 1385-1391.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , January 1984, p. 3.
	"Index to Subjects - January-December, 1984 • Volume 93," Annual Index 1984, <u>SMPTE Journal</u> , pp. 1211-1217.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , January 1985, p. 3.
	Barlow, Michael W.S., "Application of Personal Computers in Engineering," <u>SMPTE Journal</u> , Jan. 1985, pp. 27-30.
	"Television Systems and Broadcast Technology," <u>SMPTE Journal</u> , Jan. 1985, pp. 172-175.
<i>mm</i>	"Highlights, SMPTE," <u>SMPTE Journal</u> , February 1985, p. 181.

Examiner <i>Melvin M. ...</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

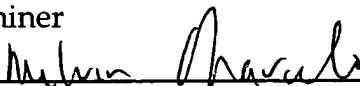
Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Day, Alexander G., "From Studio to Home - How Good is the Electronic Highway?", <u>SMPTE Journal</u> , Feb. 1985, pp. 216-217.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , March 1985, p. 265.
	"Proposed SMPTE Recommended Practice, Storage of Edit Decision Lists on 8-in. Flexible Diskette Media," <u>SMPTE Journal</u> , March 1985, pp. 353-354.
	McCroskey, Donald C., "Television," <u>SMPTE Journal</u> , April 1985, pp. 382-395.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , April 1985, p. 361.
	<u>SMPTE Journal</u> , April 1985, pp. 366-368, 473-478.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , May 1985, p. 545.
	Morii, Yutaka, et al., "A New Master Control System for NHK's Local Stations," <u>SMPTE Journal</u> , May 1985, pp. 559-564.
	Kuca, Jay, et al., "A Fifth-Generation Routing Switcher Control System," <u>SMPTE Journal</u> , May 1985, pp. 566-571.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , June 1985, p. 641.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , July 1985, p. 721.
	Busby, E.S., "Digital Component Television Made Simple," <u>SMPTE Journal</u> , July 1985, pp. 759-762.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , August 1985, p. 801.
mm	Rayner, Bruce, "High-Level Switcher Interface Improves Editing Techniques," <u>SMPTE Journal</u> , August 1985, pp. 810-813.

Examiner 	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Hayes, Donald R., "Vertical-Interval Encoding for the Recordable Laser Videodisc," <u>SMPTE Journal</u> , August 1985, pp. 814-820.
	"SMPTE Recommended Practice, Video Record Parameters for 1-in Type C Helical-Scan Video Tape Recording," <u>SMPTE Journal</u> , August 1985, pp. 872-873.
	"Proposed SMPTE Recommended Practice, Time and Control Codes for 24, 25, or 30 Frame-Per-Second Motion-Picture Systems," <u>SMPTE Journal</u> , August 1985, pp. 874-876.
	"Proposed SMPTE Recommended Practice, Data Tracks on Low-Dispersion Magnetic Coatings on 35-mm Motion-Picture Film," <u>SMPTE Journal</u> , August 1985, pp. 877-878.
	"Highlights," <u>SMPTE Journal</u> , September 1985, p. 881.
	"Proposed SMPTE Recommended Practice, Control Message Architecture," <u>SMPTE Journal</u> , September 1985, pp. 990-991.
	"Proposed SMPTE Recommended Practice, TRIBUTARY INTERCONNECTION," <u>SMPTE Journal</u> , September 1985, pp. 992-995.
	"Highlights," <u>SMPTE Journal</u> , October 1985, p. 1001.
	Zimmerman, Frank, "Hybrid Circuit Construction for Routing Switchers," <u>SMPTE Journal</u> , October 1985, pp. 1015-1019.
	"Highlights," <u>SMPTE Journal</u> , November 1985, p. 1155.
	Sabatier, J., et al., "The D2-MAC-Packet System for All Transmission Channels," <u>SMPTE Journal</u> , November 1985, pp. 1173-1179.
	"Highlights," <u>SMPTE Journal</u> , December 1985, p. 1243.
mm	Shiraishi, Yuma, "History of Home Videotape Recorder Development," <u>SMPTE Journal</u> , December 1985, pp. 1257-1263.

Examiner 	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	"Index to Subjects - January-December 1985 • Volume 94," Annual Index 1985, <u>SMPTE Journal</u> , pp. 1351-1357.
	"Highlights," <u>SMPTE Journal</u> , January 1986, p. 3.
	"Proposed American National Standard for component digital video recording - 19-mm type D-1 cassette - tape cassette," <u>SMPTE Journal</u> , March 1986, pp. 362-363.
	"Index to SMPTE-Sponsored American National Standards and Society Recommended Practices and Engineering Guidelines," <u>SMPTE Journal</u> , Annual Index 1987, pp. 1258, 1260-1262.
	Rice, Philip, et al., "Development of the First Optical Videodisc," <u>SMPTE Journal</u> , March 1982, pp. 277-284.
	Kubota, Yasuo, "The VIDEOMELTER," <u>SMPTE Journal</u> , Vol. 87, November 1978, pp. 753-754.
	"USTV Direct Satellite to Home Television Service," General Instrument News Release, Aug. 1982.
	"Second Senior Executive Conference on Productivity Improvement," SALT, Society for Applied Learning Technology, December 4-6, 1986.
	"New Publications for 1987 from The Videodisc Monitor," advertisement, 2 pages.
	"The Videodisc Monitor," Vol. IV: Number 10, Oct. 1986.
	"The Videodisc Monitor," Vol. IV: Number 12, Dec. 1986.
	Smith, Charles C., "Computer Update" "Program Notes," <u>TWA Ambassador</u> , Sep. 1982, pp. 74-90.
mm	Harrar, George, "Opening Information Floodgates," <u>American Way</u> , Oct. 1982, pp. 53-56.

Examiner <i>Melvin Maralo</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
<i>mm</i>	"Publishers Go Electronic," <u>Business Week</u> , Jun. 11, 1984, pp. 84-97.
	"Serious Software Helps the Home Computer Grow Up," <u>Business Week</u> , Jun. 11, 1984, pp. 114-118.
	"Videoconferencing: No Longer Just a Sideshow," <u>Business Week</u> , Nov. 12, 1984, pp. 116-120.
	"RATINGS WAR," <u>Forbes</u> , Aug. 1, 1983, 1 page.
	Kindel, Stephen, "Pictures at an exhibition," <u>Forbes</u> , Aug. 1, 1983, pp. 137-139.
	"Merrill Lynch and IBM Form Joint Venture To Market Financial Data Systems and Services," News Release, Mar. 1984, 2 pages.
	Branch, Charles, "Text Over Video," <u>PC World</u> , Dec. 1983, pp. 202-210.
	"Window on the World" "The Home Information Revolution," <u>Business Week</u> , Jun. 29, 1981, pp. 74-83.
	"Correspondence School Via Computer Is Planned," <u>The New York Times</u> , Sep. 13, 1983, 1 page.
	"'SMART' Digital TV Sets May Replace The Boob Tube," <u>Business Week</u> , Sep. 26, 1983, p. 160, 2 pages.
	"Round Two For Home Computer Makers," <u>Business Week</u> , Sep. 19, 1983, pp. 93-95.
	"High Technology," <u>Business Week</u> , Jan. 11, 1982, pp. 74-79.
<i>mm</i>	Kneale, Dennis, "Stations That Show Only Ads Attract a Lot of TV Watchers," <u>The Wall Street Journal</u> , Sep. 23, 1982, 1 page.

Examiner <i>Melvin Maralo</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	"Video Kitchen" "Commercial Prospects For Food Data-Base Management," Prospectus for a Multiclient Study from American Information Exchange, 1982.
	I/NET CORPORATION, Company Brochure.
	Diamond, David, "Why Television's Business Programs Haven't Turned a Profit," <u>The New York Times</u> , Jun. 16, 1985, pp. F10-F11.
	Tagliabue, John, "ITT's Key West German Unit," <u>The New York Times</u> , Apr. 29, 1985, p. D8.
	Tagliaferro, John, "TAG LINES," 1982, 1 page.
	"PBS Project With Merrill," newsarticle, April 4, 1983.
	"Merrill Lynch sinks \$4M into FNN's Data Cast service," <u>Cable Vision</u> , March 11, 1985, p. 23.
	"Merrill Lynch bullish on new data service," <u>Electronic Media</u> , February 28, 1985, p. 4.
	"Merrill Lynch Plans Stock-Quote Service Linked to IBM's PC," <u>The Wall Street Journal</u> , March 21, 1984, p. 60.
	Sanger, David E., "Public TV Joins Venture to Send Finance Data to Computer Users," <u>The New York Times</u> , February 21, 1985, pp. 1 and D8.
	Dolnick, Edward, "Inventing The Future," <u>The New York Times Magazine</u> , August 23, 1987.
mm	"Everything you've always wanted to know about TV RATINGS," A.C. Nielsen Company, brochure, 1978.

Examiner <i>Melvin Mavallo</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
<i>mm</i>	"Management With The Nielsen Retail Index System," A.C. Nielsen Company, 1980.
	Pollack, Andrew, "Computer Programs as University Teachers," <u>The New York Times</u> , 4 pages.
	"Business Television" "Changing the Way America Does Business," PSN, 1986.
	Merrell, Richard G., "TAC-TIMER," <u>1986 NCTA Technical Papers</u> , 1986, pp. 203-206.
	"Universal Remote Control," Radio Shack, Owner's Manual, 4 pages.
	Long, Michael, E., "The VCR Interface," <u>1986 NCTA Technical Papers</u> , 1986, pp. 197-202.
	"Flexible programmieren mit VPS," <u>Funkschau</u> , (German publication), 1985. (translation provided).
	Chase, Scott, "Corporate Satellite Networks No Longer A Luxury But Rather A Necessity," <u>Via Satellite</u> , July 1987, pp. 18-21.
	Diamond, Sam, "Turning Television Into A Business Tool," <u>High Technology</u> , April 1987, 2 pages.
	"The Portable PLUS Personal Computer," Hewlett-Packard, advertisement, March 1986.
	"The Portable PLUS for Professionals In Motion," Hewlett-Packard, advertisement, July 1985.
<i>mm</i>	"KBTV Kodak Business TeleVision," Kodak, brochure, Sep. 1987.

Examiner <i>William Navas</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
LMH	"Broadway Video," Brochure, Feb. 1987.
	"Digital TV set to burst on U.S. mart," <u>New York Post</u> , 2 pages.
	Prospectus, VIKONICS, Inc., Jul. 14, 1987.
	Prospectus, DIGITEXT, Inc., Feb. 27, 1986.
	Prospectus, Color Systems Technology, Inc., Aug. 13, 1986.
	Prospectus, Cheyenne Software, Inc., Oct. 3, 1985.
	1986 Annual Report, The Allen Group Inc.
	Wilson, Donald H., "A Process For Creating A National Legal Computer Research Service In The United States," remarks at the conference on <u>World Peace Through World Law and World Assembly of Judges</u> , Belgrade, Yugoslavia, Jul. 23, 1971.
	Pollack, Andrew, "Teletext is Ready for Debut," <u>The New York Times</u> , Feb. 18, 1983, 2 pages.
	"Sunny Outlook for Landmark's John Wynne; Landmark Communications Inc.," <u>Broadcasting</u> , Lexis-Nexis, Jul. 27, 1987.
	"Applications Information VCR-3001A Universal Videocassette Control Module," Channelmatic, Inc., product description, 5 pages, Mar. 1984.
LMH	Killion, Bill, "Advertising," <u>SAT Guide</u> , July 1982.

Examiner <i>Melvin Marado</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	"PL-5A Price List Typical Systems," Channelmatic, Inc., November 1984.
	"Channelmatic SPOTMATIC Random Access Commercial Insert System," Channelmatic, Inc., product description, Jul. 1983.
	Killion, Bill, "Automatic Commercial Insertion Equipment For The Unattended Insertion Of Local Advertising," paper presented at 33rd Annual National Cable Television Association Convention, June 1984.
	"Channelmatic SDA-1A Sync Stripping Pulse Distribution Amplifier," Channelmatic, Inc., product description, 1 page.
	"Broadcast Quality Random Access Commercial Insert System Featuring the Channelmatic SPOTMATIC Z," Channelmatic, Inc., product description, 1 page.
	"Audio Level Detector ALD-3000A," Channelmatic, Inc., product description, March 1984, 1 page.
	"CVS-3000A Commercial Verification System," Channelmatic, Inc., product description, March 1984, 1 page.
	"Four-Channel Commercial Insert System Featuring the Channelmatic CIS-1A SPOTMATIC JR," Channelmatic, Inc., product description, 1 page.
	"Local Program Playback System Featuring the Channelmatic VCR-3005A-5 Videocassette Sequencer," Channelmatic, Inc., product description, 1 page.
mm	"Channelmatic BBX-1A Billibox Bypass and Test Switcher," Channelmatic, Inc., product description, 2 pages.

Examiner <i>M. L. Mavado</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	"Channelmatic's Handimod I," Channelmatic, Inc., product description, 2 pages.
	"SPOTMATIC JR. Single VCR Commercial Insert System," Channelmatic, Inc., product description, 4 pages.
	"PL-1A Price List, 3000 Series Equipment," Channelmatic, Inc., Feb. 1985, 2 pages.
	"PL-2B 1000 Series Price List, 1.75 x 19 Inch Rack Mounting," Channelmatic, Inc., July 1985.
	"VPD-3001A Signal Presence Detector," Channelmatic, Inc., product description, March 1984, 1 page.
	"Channelmatic CMG-3008A 8-Page Color Message Generator Module," Channelmatic, Inc., product description, 1 page.
	"Tone Switching System Model TSS-3000A-1," Channelmatic, Inc., product description, 1 page.
	"Series 3000 Satellite Receiver Controllers," Channelmatic, Inc., product description, 2 pages.
	"Channelmatic UAA-6A Universal Audio Amplifier," Channelmatic, Inc., product description, 1 page.
	"Channelmatic ADA-3006A Audio Distribution Amplifier," Channelmatic, Inc., product description, 1 page.
mm	"Channelmatic ADA-1A, ADA-2A, ADA-3A Audio Distribution Amplifier," Channelmatic, Inc., product description, 1 page.
Examiner mlw M. Marab	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	"Channelmatic VDA-3006A Video Distribution Amplifier," Channelmatic, Inc., product description, 1 page.
	"Channelmatic VDA-1A, VDA-2A, VDA-3A Video Distribution Amplifier," Channelmatic, Inc., product description, 1 page.
	"Channelmatic AVS-10A Patchmaster," Channelmatic, Inc., product description, 2 pages.
	"Broadcast Break Sequencer Model BBS-3006A," Channelmatic, Inc., product description, March 1984, 1 page.
	"Audio-Video Emergency Alert System," Channelmatic, Inc., product description, March 1984, 2 pages.
	"VCR Automation System LPS-3000A," Channelmatic, Inc., product description, March 1984, 2 pages.
	"Clock Switching System Model CCS-3000A-1," Channelmatic, Inc., product description, March 1984, 1 page.
	"Channelmatic PCM-3000A Superclock Programmable Controller Module," Channelmatic, Inc., product description, 2 pages.
	"PL-3A Price List Videocassette Changers," Channelmatic, Inc., Nov. 1984, 1 page.
	Channelmatic, Inc., advertisement, "Looking at Local Ad Sales?", 1 page.
mm	"Channelmatic Television Switching and Control Equipment 3000 Series," Channelmatic, Inc., product descriptions, 1984.

Examiner <i>Melvin M. M...</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

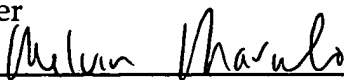
Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	"CIS-1A SPOTMATIC JR. & CIS-2A LI'L MONEYMAKER," Channelmatic, Inc., Installation and Operations Guide, 950-0066-00, V1.0.
	"1986 Annual Report to Shareowners, Customers and Employees," The Dun & Bradstreet Corporation.
	Landro, Laura, "CBS, AT&T May Start Videotex Business In '83 if 7-Month Home Test Is Successful," <u>The Wall Street Journal</u> , Sep. 28, 1982, p. 8.
	"Video Visionaries," <u>Review</u> , September 1982, pp. 95-103.
	"Video-Game Boom Continues Despite Computer Price War," Technology, <u>The Wall Street Journal</u> , Oct. 1, 1982, p. 33.
	Dunn, Donald H., editor, "How to Pick Your Stocks by Computer," Personal Business, <u>Business Week</u> , Sep. 12, 1983, pp. 121-122.
	Sandberg-Diment, Erik, "Instruction Without Inspiration," Personal Computers, <u>The New York Times</u> , Sep. 6, 1983, p. C4.
	Pace, Eric, "Videotex: Luring Advertisers," <u>The New York Times</u> , Oct. 14, 1982.
	"Will Knight-Ridder Make News With Videotex?," Media, <u>Business Week</u> , Aug. 8, 1983, pp. 59-60.
	Kneale, Dennis, et al., "Merrill Lynch and IBM Unveil Venture To Deliver Stock-Quote Data to IBM PCs," <u>The Wall Street Journal</u> , March 22, 1984, p. 8.
mm	"Merrill Lynch Joins I.B.M. in Venture," <u>The New York Times</u> , Mar. 22, 1984, 1 page.

Examiner <i>Malvin Marvallo</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Kneale, Dennis, "Merrill Lynch Plans Stock-Quote Service Linked to I.B.M.'s PC," <u>The Wall Street Journal</u> , Mar. 21, 1984, 1 page.
	"A Videotex Pioneer Pushes Into The U.S. Market," <u>Business Week</u> , Apr. 16, 1984, p. 63.
	Gregg, Gail, "The Boom In On-Line Information," <u>New Businesses</u> , <u>Venture</u> , March 1984, pp. 98-102.
	Sanger, David E., "Trading Stock By Computer," <u>Technology</u> , <u>The New York Times</u> , March 29, 1984, 1 page.
	Saddler, Jeanne et al., "COMSAT, Citing Risks, Ends Negotiations With Prudential on Satellite - TV Venture," <u>The Wall Street Journal</u> , Dec. 3, 1984, p. 51.
	Pollack, Andrew, "Electronic Almanacs Are There for the Asking," <u>The New York Times</u> , March 18, 1984, 1 page.
	Connelly, Mike, "Knight-Ridder's Cutbacks at Viewtron Show Videotex Revolution Is Faltering," <u>The Wall Street Journal</u> , Nov. 2, 1984, p. 42.
	"Time Inc. May Drop Teletext," newspaper article, 1 page.
	Pollack, Andrew, "Time Inc. Drops Teletext Experiment," newspaper article, 1 page.
	Arenson, Karen W., "CBS, I.B.M., Sears Join In Videotex Venture," newspaper article, 1 page.
mm	"E.F. Hutton to Start A Videotex Service," newspaper article, 1 page.

Examiner 	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Dunn, Donald H., editor, "Devices That Let You Track Stocks Like A Floor Trader," Personal Business, <u>Business Week</u> , July 25, 1983, pp. 83-84.
	"United Satellite Racing Competitors," newspaper article, 1 page.
	Fantel, Hans, "Videotex to Expand What a TV Can Do," article, 1 page.
	"Zenith and Taft Co. In Teletext Venture," <u>The New York Times</u> , p. D3.
	Pollack, Andrew, "Videodisk's Data Future," <u>The New York Times</u> , Oct. 7, 1982, p. D2.
	Pace, Eric, "Videotex In Years To Come," Advertising, <u>The New York Times</u> , Sep. 1, 1982, p. D15.
	"Advanced Minicomputer-based Systems for Banking and Financial Institutions," Money Management Systems, Incorporated, brochure, 1980, 9 pages.
	Middleton, Teresa, "The Education Utility," <u>American Educator</u> , Winter 1986, pp. 18-25.
	Perlez, Jane, "Teachers Act to Increase Decision-Making Power," <u>The New York Times</u> , July 8, 1986, 1 page.
	Couzens, Michael, "Invasion of the People Meters," <u>CHANNELS</u> , June 1986, pp. 40-45.
	Behrens, Steve, "People Meters vs. The Gold Standard," <u>Channels</u> , p. 72, Sep. 1987.
	Diamond, Edwin, "Attack of the People Meters," <u>New York</u> , pp. 38-41, Aug. 24, 1987.
mm	"Ratings Brawl (Is Nielsen losing its grip?)" <u>Time</u> , p. 57, July 20, 1987.

Examiner <i>Melva Masala</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Sheets, Kenneth R., "No go. TV networks nix new high-tech rating system," <u>U.S. News & World Report</u> , p. 39, July 20, 1987.
	Lieberman, David, "The Networks' Big Headache," <u>Business Week</u> , pp. 26-28, July 6, 1987.
	Barbieri, Rich, "Perfecting the Body Count," <u>Channels</u> , p. 15, June 1987.
	Dumaine, Brian, "Who's Gypping Whom in TV Ads?," <u>Fortune</u> , pp. 78-79, July 6, 1987.
	Behrens, Steve, "People Meters' Upside," <u>Channels</u> , p. 19, May 1987.
	"People Meters," <u>The New Yorker</u> , pp. 24-25, March 2, 1987.
	Zoglin, Richard, "Peering Back at the Viewer," <u>Time</u> , p. 84, June 30, 1986.
	Kanner, Bernice, "Now, People Meters," <u>New York</u> , 3 pages, May 19, 1986.
	Trachtenberg, Jeffrey A., "Anybody home out there?," <u>Forbes</u> , pp. 169-170, May 19, 1986.
	Waters, Harry F. et al., "Tuning In on the Viewer," <u>Newsweek</u> , p. 68, March 4, 1985.
	Berss, Marcia, "Tune in," <u>Forbes</u> , p. 227, Sep. 24, 1984.
	"Financial News Network Eyeing Teletext Service Tied To Home Computers," <u>International Videotex Teletext News</u> , Dec. 1983, 1 page.
	Prospectus, Financial News Network, Inc., Jul. 13, 1982.
mm	"ELRA Group Cablemark Reports Volume I," <u>SAT Guide</u> , Feb. 1982, 1 page.

Examiner <i>Melvin Marada</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	"DOWALERT," Brochure, 1983, 6 pages.
	New York Stock Exchange, Inc., Computer Input Services, Schedule of Monthly Charges, Aug. 1, 1981, 1 page.
	New York Stock Exchange, Inc., Market Data Services, Schedule of Monthly Charges, Jan. 1, 1982, 1 page.
	"Introducing DowAlert," brochure, 1982, 8 pages.
	"Dow Jones Cable Information Services," Company Brochure, 1982.
	"Personal Portfolio Button," brochure, JS&A, 1982.
	"Business news breakthrough from Dow Jones," advertisement, <u>The Wall Street Journal</u> , Jun. 10, 1982, p. 47.
	"Charting A More Profitable Course For Your Portfolio?", advertisement, Dow Jones News/Retrieval, <u>The Wall Street Journal</u> , Jun. 24, 1982, p. 40.
	"Now you can get the precise business and financial news you want . . . throughout the business day." "Dow Alert," brochure, 1982.
	Promotional letter, "Dow Jones Cable News," Dow Jones & Company, Inc., Jan. 1, 1982, 2 pages.
	"1981 Annual Report," Quotron Systems, Inc.
mm	Prospectus, Quotron Systems, Inc., Nov. 1982.

Examiner <i>Melvin Mavala</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
nm	"Threat to Quotron Discounted," <u>The New York Times</u> , 1984, 2 pages.
	"Quotron's Central Position in Statistics Service Is Facing Competition From Several Challengers," <u>The Wall Street Journal</u> , Feb. 2, 1984, p. 59.
	"European Security Prices Are Now Available As New Service From Quotron Systems," News Release, Sep. 21, 1984, 1 page.
	"1983 Annual Report," Quotron Systems, Inc.
	"How to increase training productivity through VIDEODISC and MICROCOMPUTER systems," seminar brochure, 1981.
	"The Revolution Continues . . .", Regency Systems, Inc., company brochure, 1984, 6 pages.
	"How personal computers can backfire," <u>Business Week</u> , July 12, 1982, pp. 56-59.
	"Taking control of computer spending," <u>Business Week</u> , July 12, 1982, pp. 59-60.
	Meserve, Everett T., "A History of Rabbits," <u>DATAMATION</u> , pp. 188-192.
	Meserve, Everett T. (BILL), "The Future of Rabbits," <u>DATAMATION</u> , Jan. 1982, pp. 130-136.
	PC Ideas International Corp., product catalog, 7 pages, 1985.
nm	UltiTech, Inc., "The Portable Interactive Videodisc System 3," brochure, 1985.

Examiner <i>Melvin Aravala</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Sony Video Communications, "LDP-1000A Laser Videodisc Player," product description, 1983, 2 pages.
	TMS Inc., Digital Laser Technology, product information, 1984, 16 pages.
	Sony Video Communications, "Videodisc, Premastering and Formatting," brochure, 1982.
	Pioneer Video, Inc., "LD-V4000 Industrial Laserdisc Player," product description, Feb. 1984, 2 pages.
	Pioneer Video, Inc., "LD-V6000 Industrial Laserdisc Player," product description, May 1985, 2 pages.
	Pioneer Video, Inc., "LD-V6000 Industrial Laserdisc Player," products price list, April 1984, 1 page.
	Pioneer Video, Inc., "Customer Support Publications," 2 pages.
	Pioneer Video, Inc., "Pioneer LD-V1000 Laserdisc Player," price list, Feb. 1984, 1 page.
	Pioneer Video, Inc., "LD-V1000 Laserdisc Player," product description, Feb. 1985, 2 pages.
	Pioneer Video, Inc., "LD-V4000 Laserdisc Player," products price list, Dec. 1983, 1 page.
	"Space-Age Navigation For The Family Car," reprinted from <u>Business Week</u> , June 18, 1984, 2 pages.
mm	Held, Thomas et al., "Videodisc To Lure And To Learn," reprinted from <u>The Journal of the International Television Association</u> , International Television, May 1984, 4 pages.

Examiner <i>Melvin Morales</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
MA	SONY, "SONY View System, The Intelligent Video System," product description, 1985, 2 pages.
	SONY, "LDP-2000 Series, VideoDisc Players," brochure, 1985, 12 pages.
	DIGITAL, "Vax Producer, A System for Creating Interactive Applications," product bulletin, May 1984, 8 pages.
	"LASERDATA Announces Trio Encoder at the SALT Show," News release, Aug. 21, 1985, 3 pages.
	"LASERDATA Still Frame Audio Premastering Guide," advertisement, 3 pages.
	"LASERDATA Trio Encoder Product Description," product description, 4 pages.
	"PC TRIO," LASERDATA, product description, 2 pages.
	LASERDATA, price list, Aug. 1, 1985, 4 pages.
	News Release, Industrial Training Corporation, Merger of IIAT with and into ITC, Jun. 11, 1985, 1 page.
	"A Touch-Screen Disc (Devlin Interviews the Producer)," reprinted from <u>E&ITV</u> magazine, Vol. 16, No. 5, May 1984, 4 pages.
	"Interactive Videodisc In Education And Training," Seventh Annual Conference, Society For Applied Learning Technology, conference agenda, Aug. 1985.
mm	"Inter Active Video from . . .," BCD Associates, brochure, 1985.

Examiner <i>Malcolm Marable</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	<u>The Videodisc Monitor</u> , Volume II: Number 8, August 1984, 16 pages.
	"Products From The VideoDisc Monitor," order form, 2 pages.
	"Interactive Video Served on a disc," Scotch Laser Videodisc, 3M, brochure, 8 pages.
	Scotch Laser Videodisc, Price List, May 1, 1984, 2 pages.
	"How to find the pot of gold at the end of this rainbow," Scotch Videodisc, 3M, brochure.
	Scotch Laser Videodisc, Prices for Special Services, Feb. 15, 1984, 2 pages.
	Scotch Laser Videodisc, Master Tape Specifications, May 1984, 2 pages.
	"IEV Graphics and Interactive Video Products," IEV Corporation, product information, 1 page.
	"IEV-20 High-Resolution Color Graphics For The IBM-PC," IEV Corporation, product description, 1 page.
	"IEV-40 Graphics Overlay and Video Disc and Tape Control for the IBM-PC," IEV Corporation, product description, 1 page.
	"IEV-10 A Direct Replacement for the IBM Color/Graphics Adapter Card with Video Overlay Capability," IEV Corporation, product description, 1 page.
mm	"Model 60 Graphics Overlay and Disc or Tape Controller," IEV Corporation, product description, 1 page.

Examiner <i>Melvin Marcelo</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	"The IRIS System," Silicon Graphics, Inc., product brochure, 1983.
	"IRIS 1400, High Performance Geometry Computer," Silicon Graphics, Inc., product specification, 2 pages.
	"IRIS 1000/1200, High Performance Geometry Terminals," Silicon Graphics, Inc., product specification, 2 pages.
	"IRIS 1500, High Performance Geometry Computer," Silicon Graphics, Inc., product specification, 2 pages.
	"The IRIS Graphics System," Silicon Graphics, Inc., system description, 1983, 6 pages.
	"UNIX, Operating System for the IRIS Geometry Computer," Silicon Graphics, Inc., product specification, 1 page.
	"IRIS Graphics Library, Programming Support for IRIS Systems," Silicon Graphics, Inc., product specification, 1 page.
	"ETHERNET, 10mbit per second Local Area Network," Silicon Graphics, Inc., product specification, 2 pages.
	SONY, SONY Video Communications, "PVM-1910/PVM-1911 19" Trinitron Color Video Monitors, product brochure, 1984, 8 pages.
	"Computer Controls for Video Production," EECO EECODER Still-Frame Decoder VAC-300, product brochure, 1984, 4 pages.
mm	O'Donnell, John et al., "Videodisc Program Production Manual," SONY, 1981.

Examiner <i>Belvin Marable</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
MUN	"Still Frame Audio Encoder," LASERDATA, product description, 2 pages.
	"TRIO 110," LASERDATA, product description, 2 pages.
	"LD-V6000, Industrial Laserdisc Player," A Technical Perspective, Pioneer Video, Inc., May 1984.
	"SWSD System," Stills With Sound and Data, Pioneer Video, Inc., product description, Aug. 1984, 2 pages.
	Pioneer Video, Inc., Price List, Industrial Disc Replication and Program Development Services, May 1984, 4 pages.
	"V: Link 1000," Visage, Inc., product description, 1984, 2 pages.
	"The University of Delaware Videodisc Music Series presents Interactive Videodisc Instruction in Music," advertisement, 8 pages.
	"Interactive Videodisc In Education And Training," Sixth Annual Conference, Society For Applied Learning Technology, conference agenda, Aug. 1984, 2 pages.
	"Sony engineering introduces to industry the new Sony Laser VideoDisc," Sony Video Communications, product brochure, 12 pages.
	"GraphOver 9500," Hi-Res Graphics Overlays for NTSC Video, New Media Graphics, product description, 1983, 4 pages.
MUN	"New Horizons In Interactive Video," Puffin product advertisement, IEV Corporation, 2 pages.

Examiner <i>Melvin M. ...</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	IEV February 1985 Price List, 1 page.
	"Fast Forth" "No Other Forth Comes Close," IEV Corporation, product brochure.
	"Pro 68 Advanced Technology 16/32 Bit Co-Processor For IBM PC, PC/XT, PC/AT and Capatibles," Hallock Systems Company, Inc., product description, 7 pages.
	"Pro 68 Software Facts," Hallock Systems Company, Inc., product description, 6 pages.
	"Pro CAD A Pro 68 Software Product," Hallock Systems Company, Inc., product description, 4 pages.
	"V: Station 2000 System," Visage, Inc., product description, 2 pages.
	"Upgrade Packages," Visage, Inc., product description, 1 page.
	"Development Software," Visage, Inc., product description, 4 pages.
	"V: Link Modules," Visage, Inc., product description, 4 pages.
	Visage, Price List, Visage, Inc., Apr. 1985, 4 pages.
	Kalowski, Nathan, "Player, Monitor, Interface," reprinted from Jan. 1985 issue of <u>Data Training</u> , 4 pages.
mm	"Five Authoring Languages Now Available For Use With Visage Interactive Video Systems," Visage News Release, Visage, Inc., March 18, 1985, 5 pages.

Examiner <i>William March</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	"GraphOver 9500," Hi-Res Hi-Speed Graphics Overlays For Videodisc, New Media Graphics, product description, 1985, 4 pages.
	"PC-VideoGraph," Hi-Res PC Graphics For Videotaping or Display, New Media Graphics, product description, 1985, 4 pages.
	"PC-GraphOver," Interactive Video With Graphics Overlays, New Media Graphics, product description, 1985, 4 pages.
	"Off-the-shelf raster scan display generator creates composite video image," reprinted by <u>Defense Systems Review and Military Communications</u> , Jan. 1985, p. 55.
	"The NTN Entertainment Network," NTN Entertainment Network, programming information sheet, 2 pages.
	Dickey, Glenn, "A Game That's Better Than The Real Thing," <u>San Francisco Chronicle</u> , Dec. 17, 1985, p. 63.
	Connell, Steve, "Arm-Chair Quarterbacking (Computer football game makes fans the play-callers)," <u>The Sacramento Union</u> , Jan. 23, 1986, 3 pages.
	Gunn, William, "Get Ready For Monday Night Football," <u>Night Club and Bar</u> , July 1986, pp. 20-22.
	Brack, Fred, "QB1 Anyone?," <u>Alaska Airlines</u> , August 1986, 2 pages.
mm	Dickey, Glenn, "QB1: Bringing The Game Into The Bar," <u>SPORT MAGAZINE</u> , Oct. 1986, 1 page.

Examiner <i>Melvin Navato</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	"The Most Exciting Customer and Revenue Building Program Since Sports were First Shown on T.V.", NTN Communications, Inc., QB1 product brochure, 1986, 4 pages.
	"NTN - The Company," NTN Communications, Inc., company description, 1 page.
	NTN Communications, Inc., "Trivia Countdown," and "Trivia Showdown," product descriptions, 1 page.
	Pottle, Jack T. et al., "The Impact of Competitive Distribution Technologies on Cable Television," Report, prepared for The National Cable Television Association, March 1982.
	"Consumer Electronics: A \$40-Billion American Industry," a report prepared by Arthur D. Little, Inc. for the Electronic Industries Association/Consumer Electronics Group, April 1985.
	"CAMP," Arbitron Cable, The Arbitron Company, product brochure, May 1980, 8 pages.
	"Times Mirror Videotex/Infomart Joint Venture," <u>Times Mirror</u> , Background, Jan. 8, 1982, 3 pages.
	Cable Advertising Conference February 9, 1982, conference agenda, Cabletelevision Advertising Bureau, Inc., 6 pages.
	True Stereo Television, Series 1600 Warner-Amex Stereo Processors, Wegener Communications, Inc., product description, 1982, 3 pages.
mm	"EUROM - a single-chip c.r.t. controller for videotex," Mullard, Technical publication, 1984, 12 pages.

Examiner <i>Malvin M. Mavala</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	"EUROM" "A display IC for CEPT Videotex," Mullard, product information, Feb. 1984, 6 pages.
	"Satellite-Delivered Text Service Signs 4 Carriers," Multichannel News, Jun. 18, 1984, p. 18.
	Aarsteinsen, Barbara, "How the Chip Spurs TV Growth," "The promise of digital television has stirred the U.S. Industry," <u>The New York Times</u> , May 20, 1984, 1 page.
	Pollack, Andrew, "As Usual, Here Come The Japanese," <u>The New York Times</u> , May 20, 1984, 1 page.
	"Unleashing IBM Could Help A Satellite Venture Blast Off," <u>Business Week</u> , May 28, 1984, 2 pages.
	Mayer, Martin, "Here comes Ku-band," <u>Forbes</u> , May 21, 1984, pp. 65-72.
	"The UCSD p-SYSTEM Version IV," SOFTECH Microsystems, product description, 2 pages.
	"UCSD p-SYSTEM LANGUAGES, Version IV UCSD Pascal, FORTRAN-77, BASIC and Assembler," SOFTECH Microsystems, product description, 2 pages.
	"ADD-ON FEATURES, UCSD p-System Version IV," SOFTECH Microsystems, product description, 2 pages.
	"USCD p-System, Version IV.1," SOFTECH Microsystems, product description, 4 pages.
mm	SOFTECH Microsystems, Product Order Form, Oct. 1982, 2 pages.

Examiner <i>Delvin Mavada</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

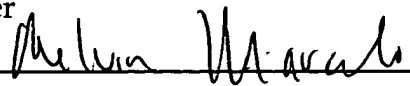
Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	"HOMECAST, A Consumer Market Service from ICM Services," Chase Econometrics, product brochure, 2 pages.
	"Consumer Systems Industry Service," research notes, GARTNER GROUP, Inc., June 22, 1983, 13 pages.
	<u>DOWNLOAD</u> , Monthly Newsletter, Vol. 1, No. 1, May 1984.
	Nocera, Joseph, "Death of a Computer," <u>Texas Monthly</u> , April 1984.
	Special Report, <u>Business Week</u> , July 16, 1984, pp. 84-111.
	Zenith, Video Hi-Tech Component TV, product brochure, Aug. 1982, 8 pages.
	Ferretti, Fred, "For Major-League Addicts, A Way to Win a Pennant," <u>The New York Times</u> , Jul. 8, 1980, 1 page.
	Friedman, Jack, "The Most Peppery Game Since The Hot Stove League? It's Rotisserie Baseball," <u>People weekly</u> , April 23, 1984, 2 pages.
	"Information Package For MDS Applicants," Department of Communications Radio Frequency Management Division, Oct. 1986.
	Department of Transport and Communications Radio Frequency Management Division, Licensing Procedures for Ancillary Communications Services (ACS).
mm	Minister for Communications Guidelines for Provision of Video and Audio Entertainment and Information Services, Oct. 13, 1986.

Examiner <i>Michael Mavado</i>	Date Considered <i>08-25-98</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents


Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Christopher, Maurine, "BAR cable service set," <u>Advertising Age</u> , Sep. 21, 1981, pp. 68 & 72.
	"In this corner, DIGISONICS!", <u>Media Decisions</u> , June 1968, 5 pages.
	"Did the ad run?", <u>Media Decisions</u> , July 1969, pp. 44 et seq.
	"DIGISONICS TV Monitor System Finds Defenders," <u>Advertising Age</u> , Dec. 8, 1969, 1 page.
	"Merrill Lynch Advanced Applications Systems," Advanced Automation Systems Department, system description, publication date unknown.
	Dougherty, Philip, "Gathering Intelligence For Profit," newspaper article, 1981, p. D7.
	"Vidbits," <u>Advertising Age</u> , Sep. 21, 1981, p. 70.
	"Measuring The Cable Audience," Ogilvy & Mather, Advertising, 1980, pp. H1-H8.
	Cooney, John E., "Counting Cable's Gold Coins," <u>View</u> , Sep., 1981, 4 pages.
	"Cable TV Advertising," Paul Kogan Associates, Inc., No. 22, Feb. 18, 1981, 6 pages.
	"IDC begins monitoring," At Deadline, <u>Broadcasting</u> , Sep. 14, 1970, p. 9.
	"Contraband code," Closed Circuit, <u>Broadcasting</u> , Sep. 28, 1970, 1 page.
mm	"Listeners," Closed Circuit, <u>Broadcasting</u> , 1 page.

Examiner 	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	"Digisonics violated standards, says BAR," <u>Broadcasting</u> , Oct. 5, 1970, pp. 21-23.
	"Talent pay code put off," At Deadline, <u>Broadcasting</u> , Nov. 9, 1970, p. 9.
	"Digisonics' Aim Is Info Bank, Not Just Proof of Performance," <u>Advertising Age</u> , Nov. 9, 1970, 4 pages.
	"Digisonics pushes its coding method," <u>Broadcasting</u> , Dec. 7, 1970, p. 37.
	"No Digisonics friends show in comments," <u>Broadcasting</u> , May 24, 1971, p. 62.
	"Digisonics' dilemma," <u>Media Decisions</u> , June 1971, 6 pages.
	"IDC encoding system still alive at FCC," <u>Broadcasting</u> , Sep. 27, 1971, p. 31.
	Howard, Niles A., "IDC drops tv monitoring; mulls revival," reprint from <u>Advertising Age</u> , Feb. 3, 1975, 1 page.
	"TELEPROOF I" "An Exciting New Development Of International Digisonics Corporation," product brochure, 13 pages.
	"TELEPROOF 2," IDC Services, Inc., product description, 6 pages.
	"The Best Reason To Buy Odetics On-Air Automation Systems Today?" Advertisement, Odetics Broadcast, 1 page.
mm	"Advertising On Cable" "Automatic Commercial Insertion-Plus-Automatic Print-Out Verification With the New Ad Machine and Ad Log," Advertisement, Tele-Engineering Corporation, 4 pages.

Examiner 	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	"NTN Communications, Inc. Entertainment Network Program Schedule," Advertisement, NTN Communications, Inc., 2 pages.
	"Interactive Football For The Home," Advertisement, U.S. Videotel, 2 pages.
	"NTN Programming," Advertisement, NTN Communications, Inc., 2 pages.
	"Electronic Surveys, Inc. Signs NTN Contract," News Release, NTN Communications, Inc. Carlsbad, CA, 2 pages.
	Andrews, Edmund L., "AT&T Sees the Future in Games," <u>The New York Times</u> , Business Day, 2 pages.
	"Total Teleconferencing Solutions For Your Communication And Training Needs," brochure, Parker Communications Corporation, PARKER ASSOCIATES.
	"PSN Signs Fourth High Technology Customer As Amdahl Corporation Implements Business Television," PSN News, News Release, Private Satellite Network, Inc., 2 pages.
	PSN, Private Satellite Network, Inc., product information for MISTS, Mass Interactive Simultaneous Telecommunications System, 6 pages.
	"Broadcasting Services," brochure, PSN, Private Satellite Network, Inc., 6 pages.
	Martin, Vivian B., "Companies use TV talk shows to inform workers," <u>The Hartford Journal</u> , Business Weekly, 1 page.
mm	Fisher, Lawrence M., "TV: Growing Corporate Tool," <u>The New York Times</u> , 2 pages.

Examiner Melvin Marcelo	Date Considered 08.25.98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	Vaughan, Kimithy, "Evolution of Corporate Television Networks," <u>Teleconference</u> , The Business Communication Magazine, pp. 38-40.
	"New In Teleconferencing Resources," advertisement, Parker Associates, 4 pages.
	"Business Television Services," Irwin Communications, Inc., brochure, 1 page.
	"Corporate Capabilities," Irwin Communications, Inc., brochure, 1 page.
	"Introducing RSVP: The latest breakthrough for cable!", advertisement, ARBITRON, 1 page.
	"Viacom Unit Will Tap Into Pay Networks," newspaper article, 1 page.
	"SHOW or TELL?", Advertising material, The Weather Star 4000, The Weather Channel, 8 pages.
	"Video Hi-Tech Component TV," CV 1950, CV 510, CV 540, CV 520, CV 150," advertisement, Zenith Radio Corporation, 4 pages.
	"Point-To-Multipoint Data Communication Network Services," product description, Equatorial Communications Company, 5 pages.
	"C-100 Series Micro Earth Stations for Satellite Data Distribution," product description, Equatorial Communications Company, 4 pages.
mm	"C-200 Micro Earth Station for Satellite Data Communications," product description, Equatorial Communications Company, 3 pages.

Examiner <i>Melvin Mavado</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

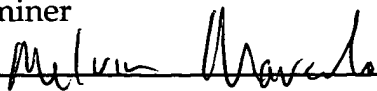
Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
MW	"Interactive Data Communication Network Services," product description, Equatorial Communications Company, 3 pages.
	"Data Communications Network Description," product description, Equatorial Communications Company, 5 pages.
	Landro, Laura, "Satellite Company Signs Merrill Lynch For Its Video Service," <u>The Wall Street Journal</u> , 1 page.
	"ELITE 2000 Creation System," IBM Compatible Information Display System, advertisement, Display Systems International, Inc., 1 page.
	"Video Database Management . . . When Words Are Not Enough," advertisement, U.S. Video, 2 pages.
	"U.S. Video presents . . . True Computer-Video Overlays," The Raster Master RM-110, product description, U.S. Video, 2 pages.
	"Now You Can Find Just The Right Image Every Time Quickly and Easily with Image Search and The IBM PC/XT," advertisement, ONLINE Computer Systems, Inc., 1 page.
	"Touch the Future Today," advertisement, MetaMedia Systems, Inc., 1 page.
	"Training solutions for the 80's and beyond," advertisement, ONLINE Computer Systems, Inc., 2 pages.
MM	"Experienced Educator/Trainers," "Use the new PILOT plus Training System to develop highly interactive courseware on your IBM PC that will run on most microcomputers," advertisement, ONLINE Computer Systems, Inc., 2 pages.

Examiner <i>Charles W. Harvey</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	"Technical Specifications For Hardware And Software Products," Online Products Corporation, 9 pages.
	"Museum Image Series," product information, ONLINE Products Corporation, 2 pages.
	"OMEGA VISION," product description, Omega Management Group Corp., 2 pages.
	"VISAGE Visual Information Systems," Interactive Video Products, brochure, Visage, Inc.
	"Now The Future Is Clear," Visage Visual Information Systems, brochure, Visage, Inc., 4 pages.
	"Speak Through The Power Of Today's Technology," QUEST, product description, Allen Communication, 4 pages.
	"Universal Video Controller," product description, Allen Communication, 2 pages.
	"Video-Microcomputer Interface," product description, Allen Communication, 2 pages.
	"The Leader In Interactive Video," advertisement, Allen Communication, 2 pages.
	"Allen Communication Price List," Allen Communication, 1 page.
	"TOUCHÉ Interactive videodisc training by IIAT," advertisement, IIAT, International Institute of Applied Technology, Inc., 1 page.
mm	"TOUCHÉ Interactive Videodisc System," product description, IIAT, International Institute of Applied Technology, Inc., 2 pages.

Examiner 	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

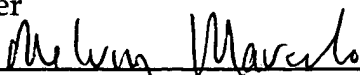
Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	"IIAT ST-1000A IIAT Training Station," product description, IIAT, International Institute of Applied Technology, Inc., 2 pages.
	"IIAT ST-1000B IIAT Training Station," product description, IIAT, International Institute of Applied Technology, Inc., 2 pages.
	"IIAT International Institute of Applied Technology, Inc.," company description, 4 pages.
	"PILOT plus Course Authoring Interpreter," IIAT Products, product description, 1 page.
	"Touch Monitor/Videodisc Player Interface Card and Video Switch Box," IIAT Products, product description, 1 page.
	"Touch Sensitive Monitor Interface Card for Apple II," IIAT Products, product description, 1 page.
	"Touchpoint, A Total Eclipse of Existing Technology," product description, Allen Communication, 2 pages.
	"Totally Integrated Interactive System - TII-PC," product description, Allen Communication, 2 pages.
	"Most Valuable Peripheral," product description, Allen Communication, 2 pages.
	"Allen Communication Introduces Integrated Interactive Video Systems," brochure, 2 pages.
	"Automation, Control and Monitoring Systems," brochure, Jasmin Electronics Limited.
mm	"jasmin," company brochure, Jasmin Electronics Limited, 4 pages.
Examiner <i>Melvin Marcelo</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

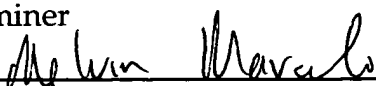
Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
MM	"jasmin Teletext Systems," advertisement, Jasmin Electronics Limited, 4 pages.
	"jasmin Process Control Systems," advertisement, Jasmin Electronics Limited, 4 pages.
	"Teleprompter of Denver Channel Line Up," 2 pages.
	"City of Seal Beach Channel Utilization Guide," 3 pages.
	"V: Link 1910: The Single-Slot VGA Interactive Video Solution," product description, Visage, Inc., 4 pages.
	"The OASYS Authoring System," advertisement, ONLINE Computer Systems, Inc., 1 page.
	"Advertisers Guide to Cable TV Terms," brochure, Cable Ad Associates, Inc.
	"Cable Audience Measurement Study," A Prospectus based upon recommendations of the Ad Hoc Cable Measurement Committee, pamphlet.
	Kane, Sharyn et al., "Technology in the First Person," reprint from Delta Air Lines' SKY magazine, 4 pages.
	"Training Systems," brochure, WICAT systems, Training Systems Division, 4 pages.
	"The Consultant," advertisement, CO-OPPORTUNITIES, Sales Development Information Systems, a division of Jefferson-Pilot Communications Company.
MM	"Introducing SPOT DATA," "Cable Ad Sales Just Got Better," advertisement, TV Data Technologies, 4 pages.

Examiner 	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
MW	"Do You Want to be Making \$5-\$10 a Subscriber - Right Now?" "Join Us in Our Success!", advertisement, Multi-Image Systems, 1 page.
	"Mediastar," "the message is clear," brochure, Multi-Image Systems, 6 pages.
	"Art To Go" "The Business Builder in a Box," advertisement, Multi-Image Systems, 1 page.
	"Few Things In Life Work As Well As TAPSCAN," advertisement, TAPSCAN Incorporated, 6 pages.
	"Dow Jones Cable News Service Daily Features Financial Markets," product summary, 1 page.
	"Financial News Network The Business Connection," brochure, Financial News Network, 8 pages.
	"The Financial News Network Means Business," advertisement, The Financial News Network, 1 page.
	"The Dawn of a New Era in Financial News Broadcasting," advertisement, Financial News Network, 1 page.
	"FNN Financial News Network," advertisement, brief review of research from the Stanford Research Institute's VALS study, and research from ELRA Group Cablemark Reports Volume I, 4 pages.
MW	"Industrial Skills Training With The Touch Of A Finger . . . Introducing . . . Activ," Advanced Concepts in Touch-Interactive Video, advertisement, Industrial Training Corporation, 4 pages.

Examiner 	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.163	Serial No. 08/448,644
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 24, 1995	Group 2602

Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
mm	"eca," brochure, Effective Communication Arts, Inc., 4 pages.
	"ODC 612 Encoder/Generator," product description, Optical Disc Corporation, 2 pages.
	". . . the Recordable Laser Videodisc - RLV," product description, Optical Disc Corporation, 2 pages.
	"ODC 610 Videodisc Recording System," product description, Optical Disc Corporation, 2 pages.
	"Hitachi New CD-ROM Drive CDR-2500," product description, Hitachi, Ltd., 2 pages.
mm	"Hitachi CD-ROM Drive CDR-1502S," product description, Hitachi, Ltd., 6 pages.

Examiner <i>Melvin Narala</i>	Date Considered 08-25-98
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	